

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070722\  
 Data File : BG054222.D  
 Acq On : 7 Jul 2022 12:39  
 Operator : CG/JU  
 Sample : PB146067BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146067BL

Quant Time: Jul 07 14:16:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.065  | 152  | 21955    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.874 | 136  | 91285    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.693 | 164  | 74977    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.437 | 188  | 220078   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.714 | 240  | 248176   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.975 | 264  | 253913   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.633  | 112  | 133402   | 116.171 | ng    | 0.00     |
| 7) Phenol-d6                | 7.225  | 99   | 186060   | 119.438 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.223  | 82   | 121037   | 74.512  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.179 | 330  | 176873   | 146.827 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.318 | 172  | 384217   | 74.517  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.045 | 244  | 1064302  | 86.374  | ng    | 0.00     |

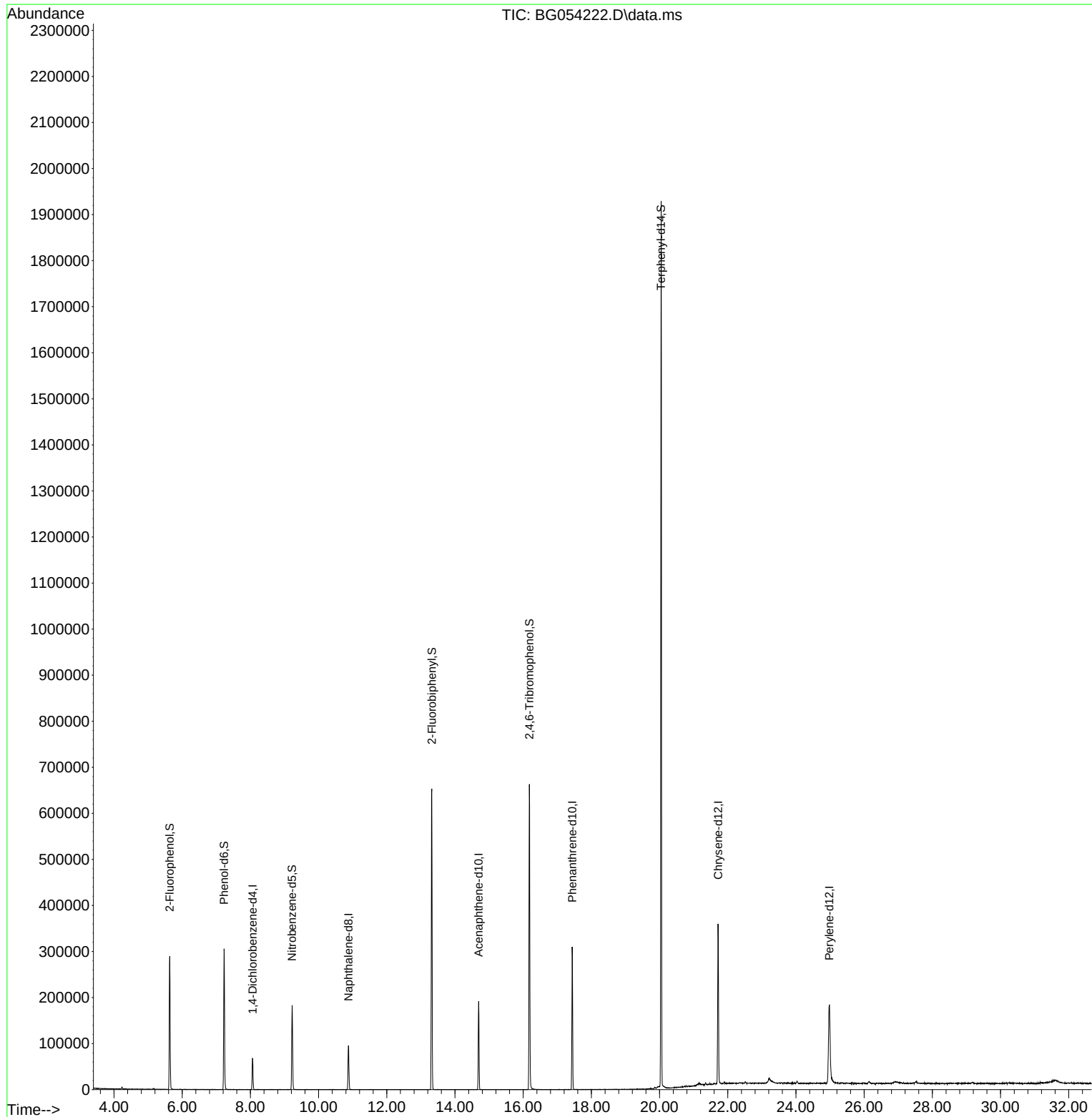
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

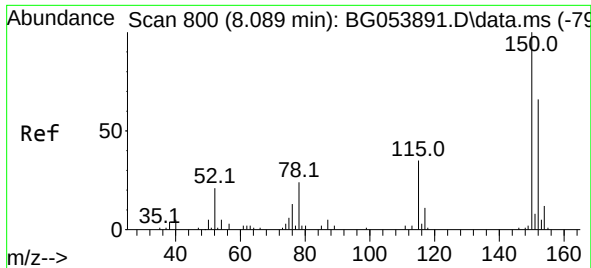
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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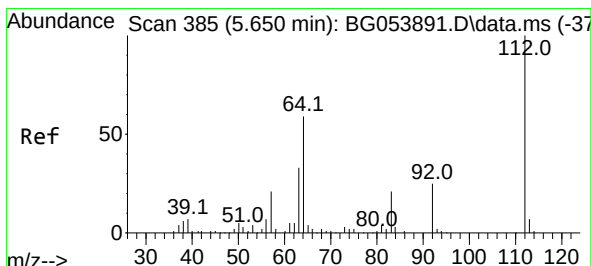
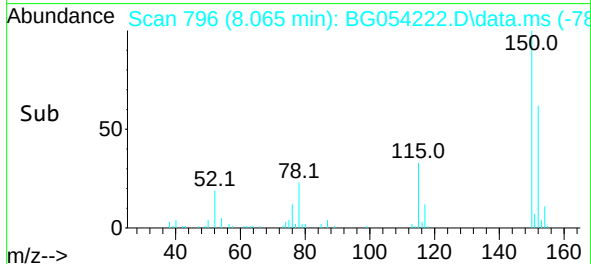
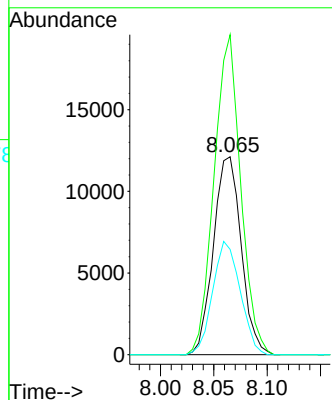
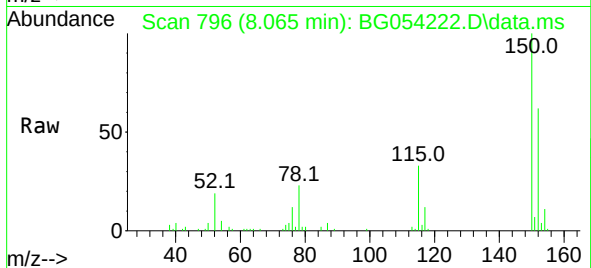




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.065 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BG054222.D  
Acq: 7 Jul 2022 12:39

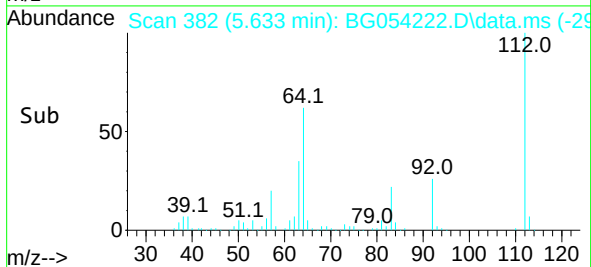
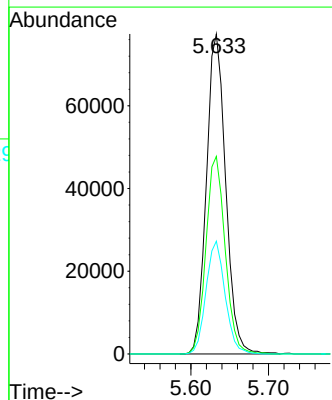
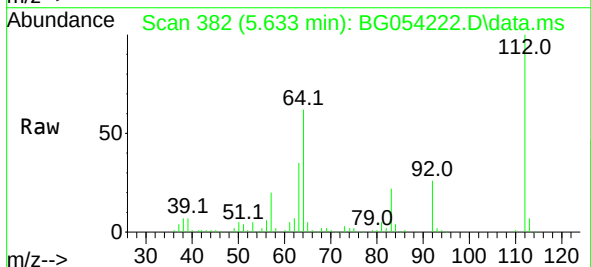
Instrument :  
BNA\_G  
ClientSampleId :  
PB146067BL

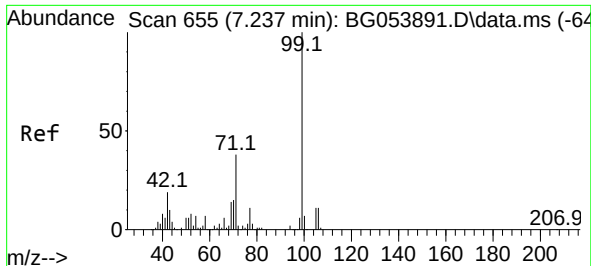
Tgt Ion:152 Resp: 21955  
Ion Ratio Lower Upper  
152 100  
150 161.7 131.6 197.4  
115 53.2 50.9 76.3



#5  
2-Fluorophenol  
Concen: 116.171 ng  
RT: 5.633 min Scan# 382  
Delta R.T. -0.005 min  
Lab File: BG054222.D  
Acq: 7 Jul 2022 12:39

Tgt Ion:112 Resp: 133402  
Ion Ratio Lower Upper  
112 100  
64 61.8 55.1 82.7  
63 35.2 30.4 45.6

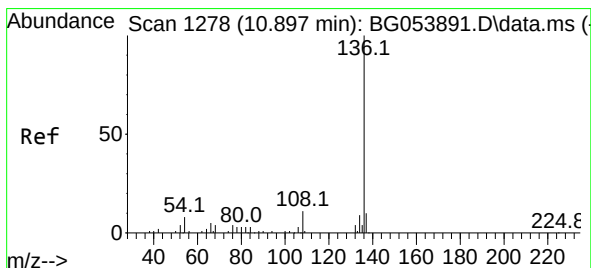
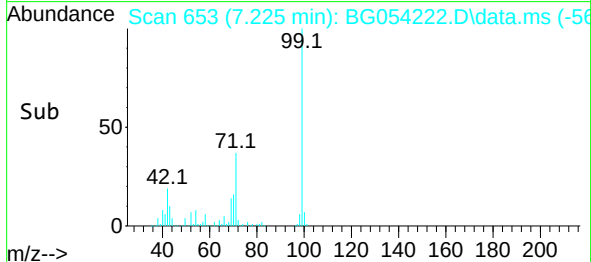
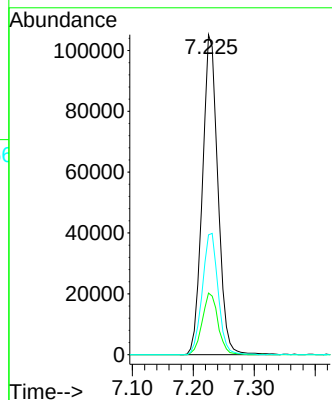
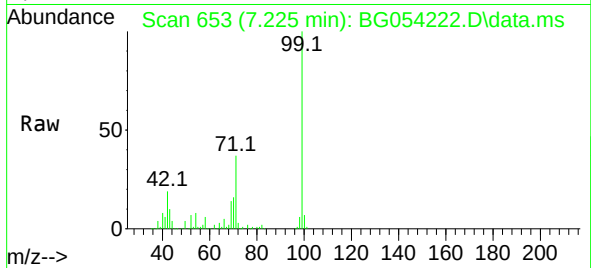




#7  
Phenol-d6  
Concen: 119.438 ng  
RT: 7.225 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BG054222.D  
Acq: 7 Jul 2022 12:39

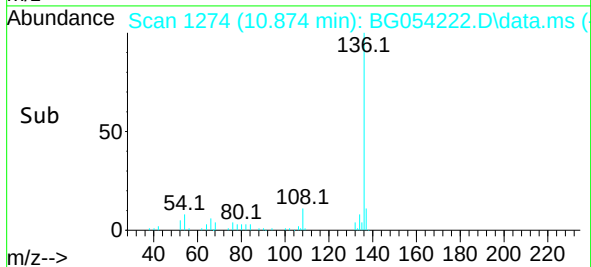
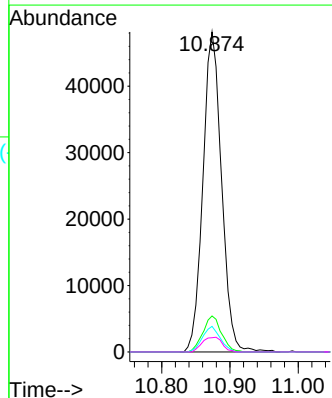
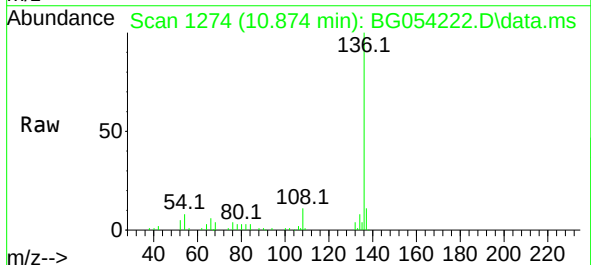
Instrument :  
BNA\_G  
ClientSampleId :  
PB146067BL

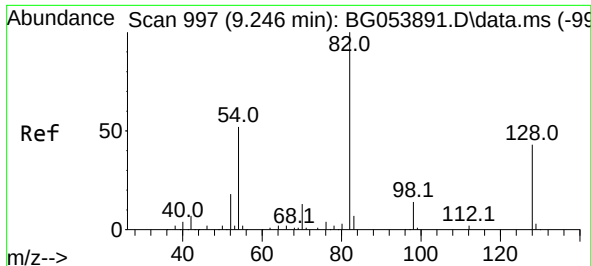
Tgt Ion: 99 Resp: 186060  
Ion Ratio Lower Upper  
99 100  
42 19.3 17.0 25.6  
71 37.5 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.874 min Scan# 1274  
Delta R.T. -0.005 min  
Lab File: BG054222.D  
Acq: 7 Jul 2022 12:39

Tgt Ion: 136 Resp: 91285  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.5 12.7  
54 8.0 7.4 11.2  
68 4.5 4.9 7.3#

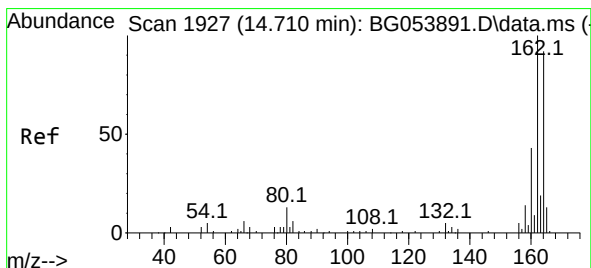
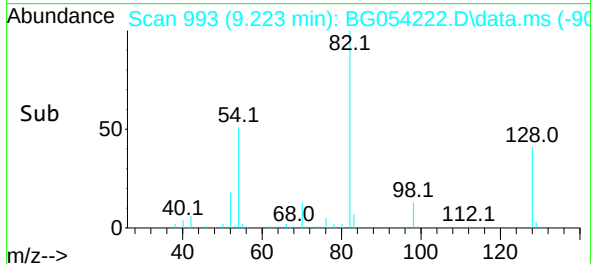
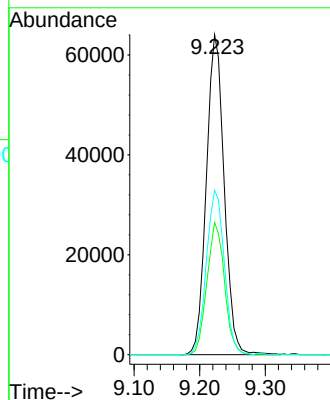
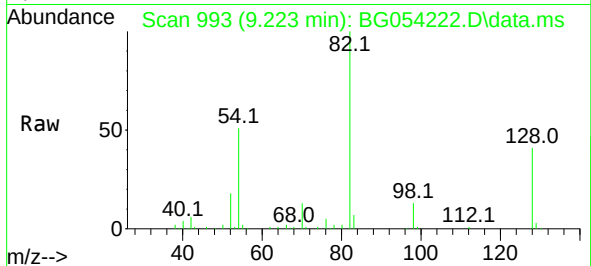




#23  
 Nitrobenzene-d5  
 Concen: 74.512 ng  
 RT: 9.223 min Scan# 997  
 Delta R.T. -0.011 min  
 Lab File: BG054222.D  
 Acq: 7 Jul 2022 12:39

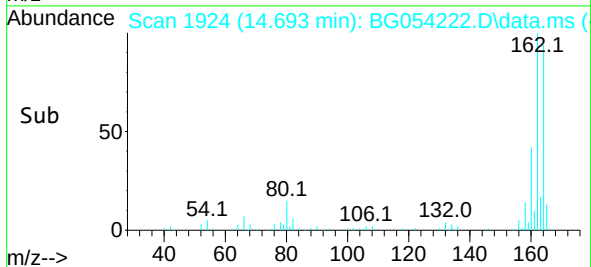
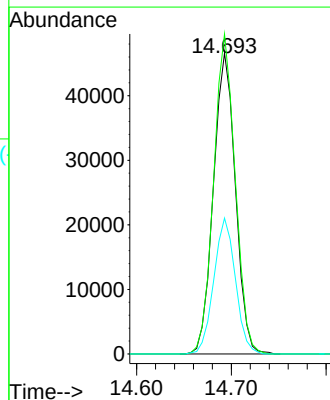
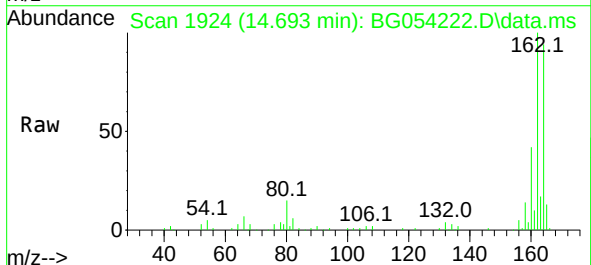
Instrument :  
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 ClientSampleId :  
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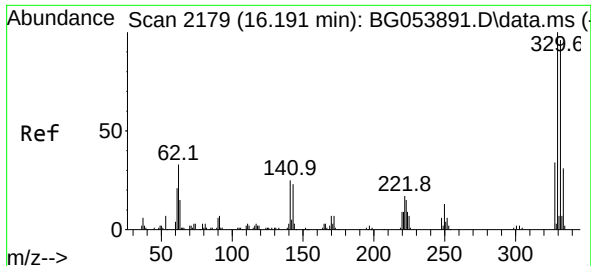
Tgt Ion: 82 Resp: 121037  
 Ion Ratio Lower Upper  
 82 100  
 128 41.4 27.9 41.9  
 54 51.4 41.2 61.8



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.693 min Scan# 1924  
 Delta R.T. -0.005 min  
 Lab File: BG054222.D  
 Acq: 7 Jul 2022 12:39

Tgt Ion: 164 Resp: 74977  
 Ion Ratio Lower Upper  
 164 100  
 162 106.4 82.3 123.5  
 160 45.1 34.2 51.2

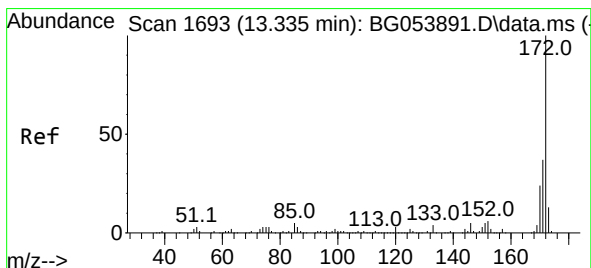
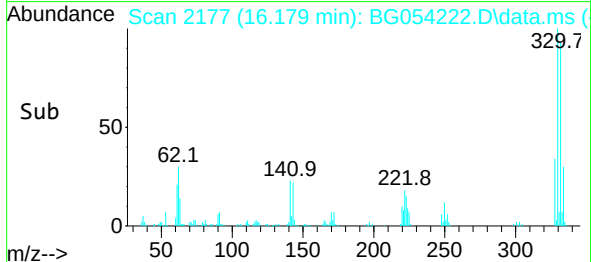
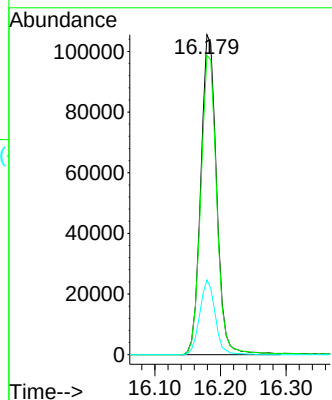
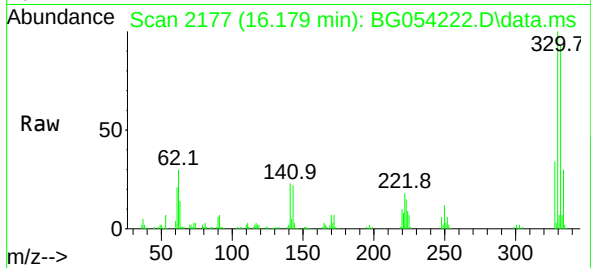




#42  
 2,4,6-Tribromophenol  
 Concen: 146.827 ng  
 RT: 16.179 min Scan# 2179  
 Delta R.T. -0.005 min  
 Lab File: BG054222.D  
 Acq: 7 Jul 2022 12:39

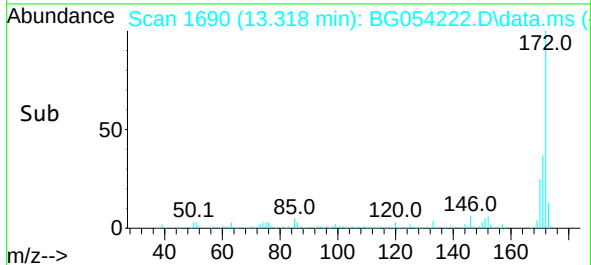
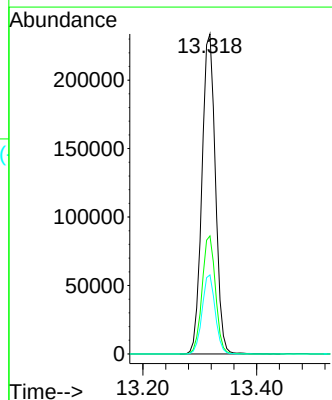
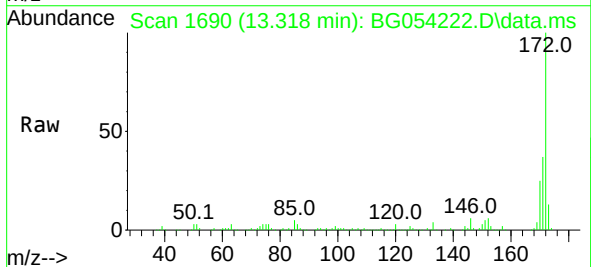
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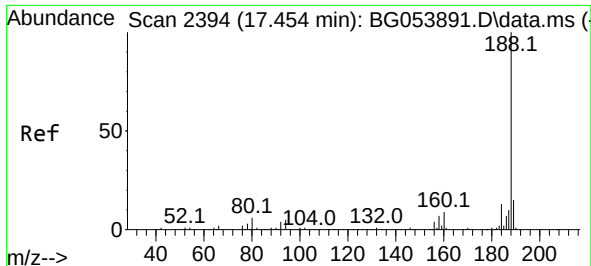
Tgt Ion:330 Resp: 176873  
 Ion Ratio Lower Upper  
 330 100  
 332 94.8 76.0 114.0  
 141 22.8 27.1 40.7#



#45  
 2-Fluorobiphenyl  
 Concen: 74.517 ng  
 RT: 13.318 min Scan# 1690  
 Delta R.T. -0.005 min  
 Lab File: BG054222.D  
 Acq: 7 Jul 2022 12:39

Tgt Ion:172 Resp: 384217  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 28.5 42.7  
 170 24.7 18.9 28.3

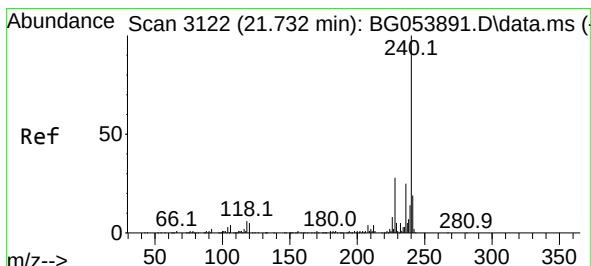
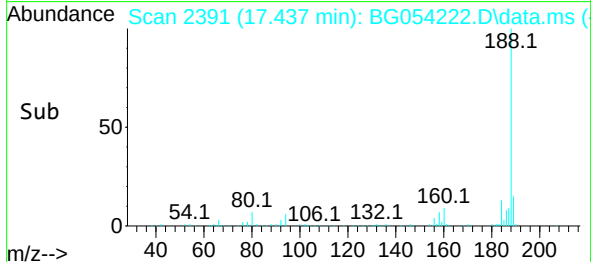
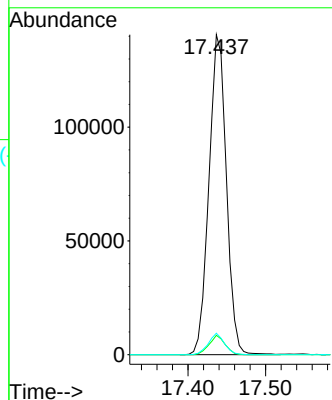
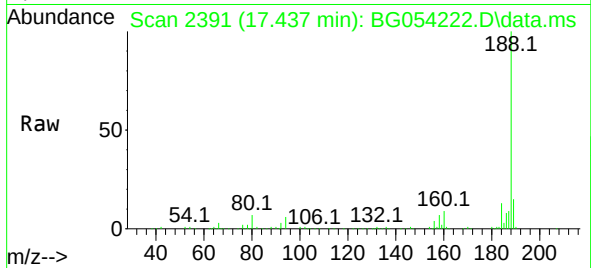




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.437 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG054222.D  
Acq: 7 Jul 2022 12:39

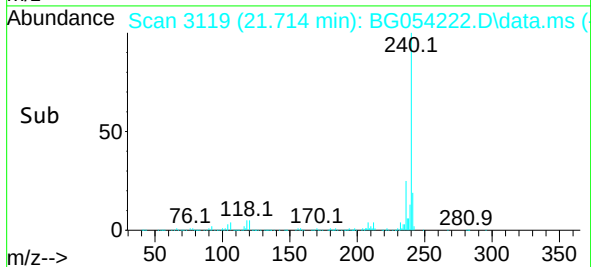
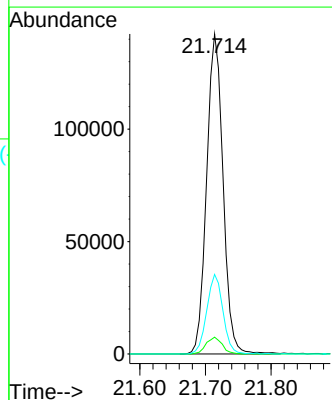
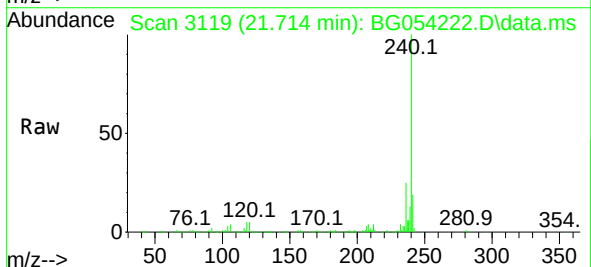
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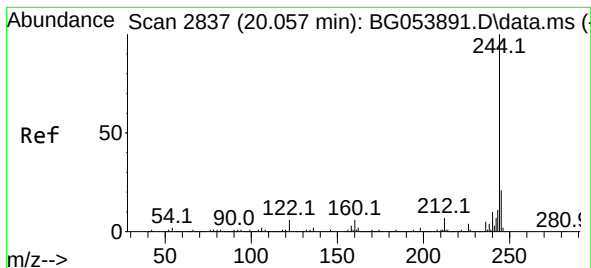
Tgt Ion:188 Resp: 220078  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.4 8.0  
80 6.7 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.714 min Scan# 3119  
Delta R.T. -0.005 min  
Lab File: BG054222.D  
Acq: 7 Jul 2022 12:39

Tgt Ion:240 Resp: 248176  
Ion Ratio Lower Upper  
240 100  
120 5.2 4.6 7.0  
236 24.8 20.2 30.4





#79

Terphenyl-d14

Concen: 86.374 ng

RT: 20.045 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG054222.D

Acq: 7 Jul 2022 12:39

Instrument :

BNA\_G

ClientSampleId :

PB146067BL

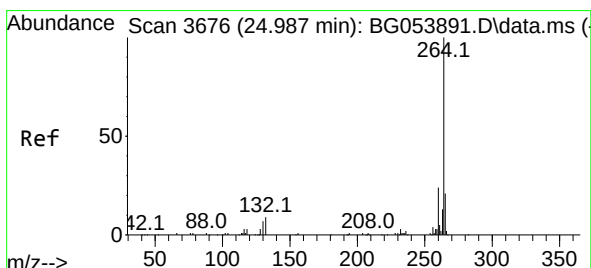
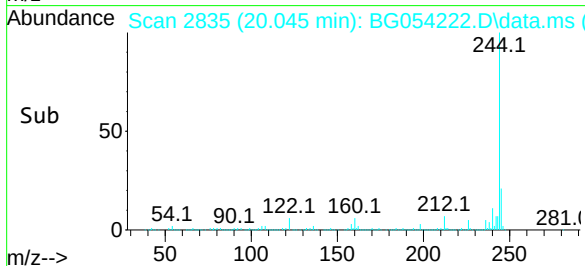
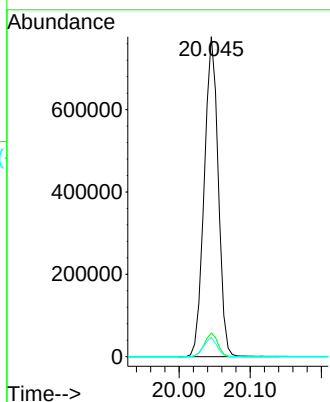
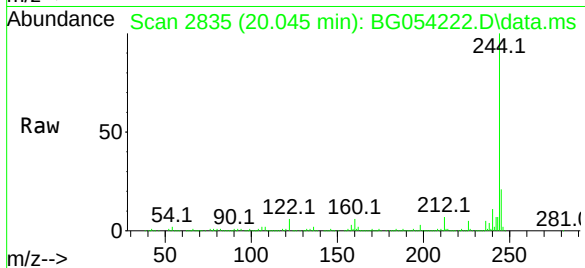
Tgt Ion:244 Resp: 1064302

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 6.0 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.975 min Scan# 3674

Delta R.T. 0.012 min

Lab File: BG054222.D

Acq: 7 Jul 2022 12:39

Tgt Ion:264 Resp: 253913

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 22.0 17.4 26.2

