

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061422\  
 Data File : BG053914.D  
 Acq On : 14 Jun 2022 23:22  
 Operator : CG/JU  
 Sample : N3334-14  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-14A-1A-11

Quant Time: Jun 15 03:06:01 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 13 15:49:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.084  | 152  | 17680    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.892 | 136  | 68175    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.705 | 164  | 53339    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.449 | 188  | 142786   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.721 | 240  | 179302   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.987 | 264  | 185719   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.651  | 112  | 140533   | 151.972 | ng    | 0.00     |
| 7) Phenol-d6                | 7.238  | 99   | 171103   | 136.395 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.247  | 82   | 133243   | 109.831 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.192 | 330  | 153207   | 178.774 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.336 | 172  | 396132   | 107.994 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.058 | 244  | 926613   | 104.086 | ng    | 0.00     |

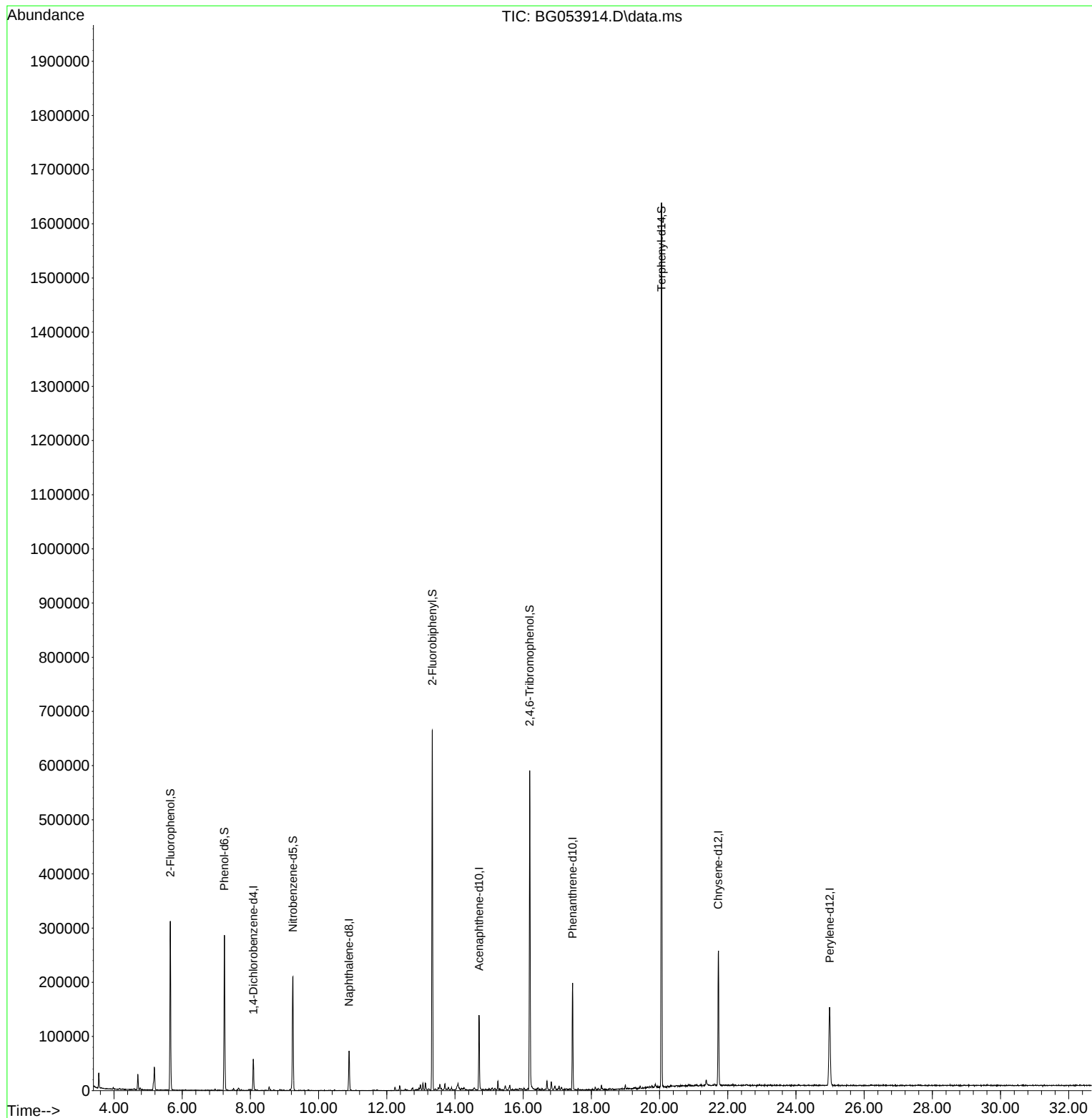
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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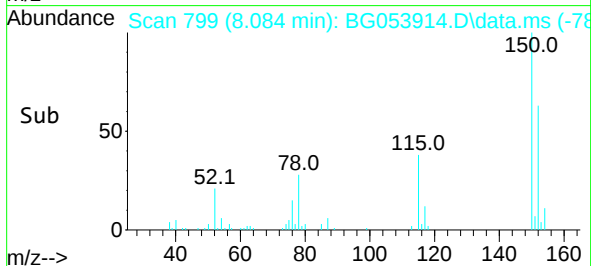
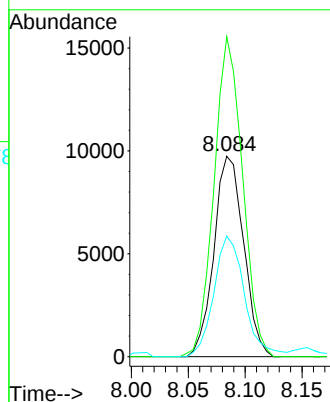
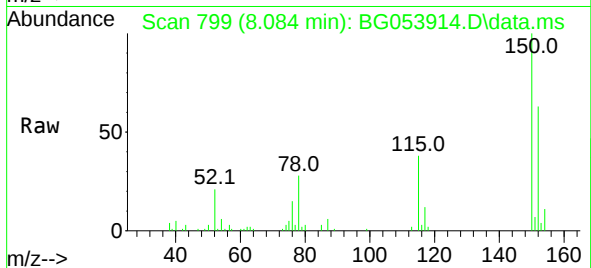




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.084 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

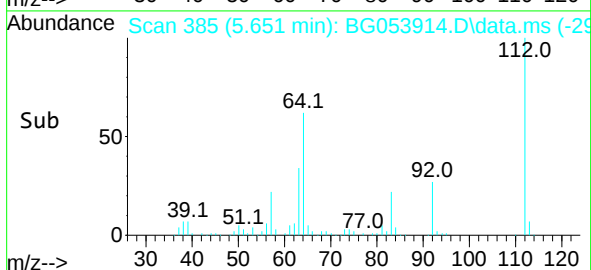
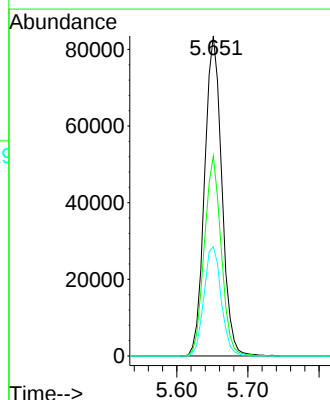
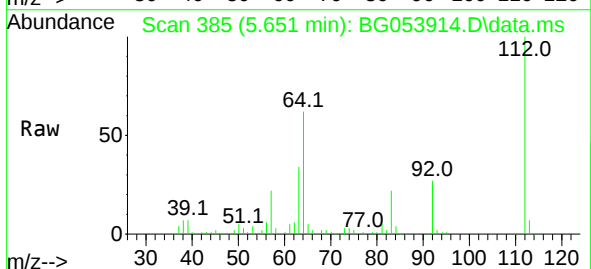
Instrument :  
BNA\_G  
ClientSampleId :  
WC-14A-1A-11

Tgt Ion:152 Resp: 17680  
Ion Ratio Lower Upper  
152 100  
150 159.6 131.6 197.4  
115 60.2 50.9 76.3



#5  
2-Fluorophenol  
Concen: 151.972 ng  
RT: 5.651 min Scan# 385  
Delta R.T. 0.001 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

Tgt Ion:112 Resp: 140533  
Ion Ratio Lower Upper  
112 100  
64 62.5 55.1 82.7  
63 34.2 30.4 45.6

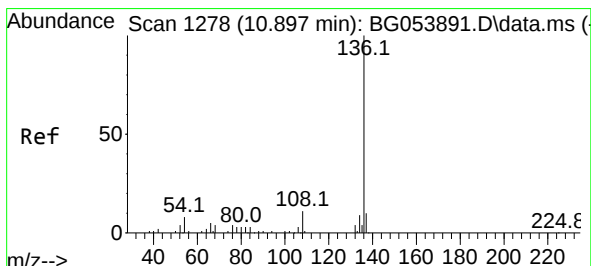
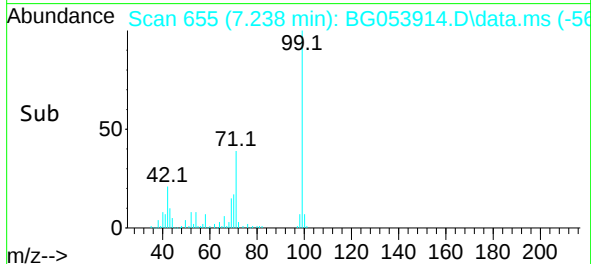
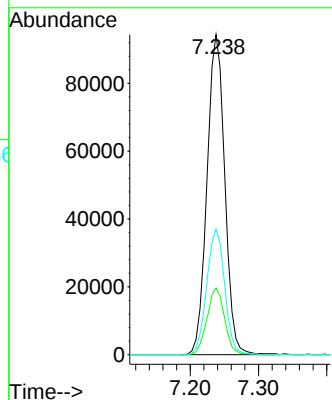
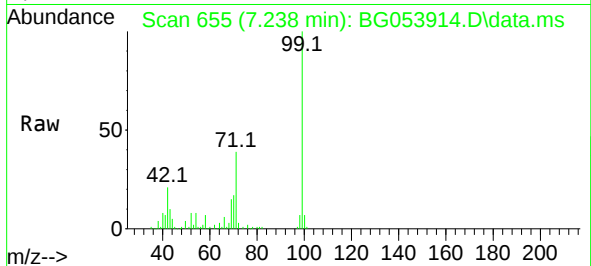




#7  
Phenol-d6  
Concen: 136.395 ng  
RT: 7.238 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

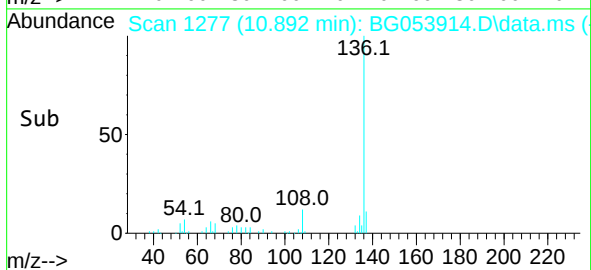
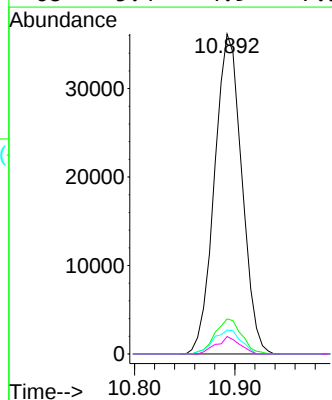
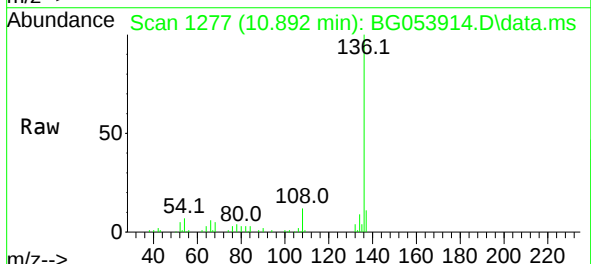
Instrument :  
BNA\_G  
ClientSampleId :  
WC-14A-1A-11

Tgt Ion: 99 Resp: 171103  
Ion Ratio Lower Upper  
99 100  
42 20.8 17.0 25.6  
71 39.2 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.892 min Scan# 1277  
Delta R.T. -0.005 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

Tgt Ion: 136 Resp: 68175  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.5 12.7  
54 7.5 7.4 11.2  
68 5.4 4.9 7.3

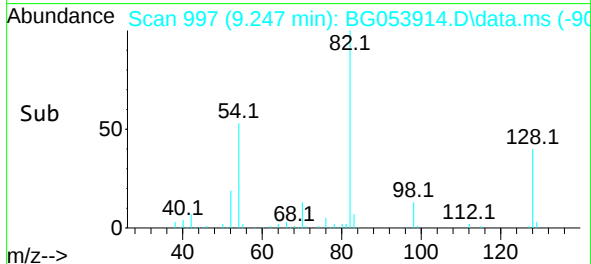
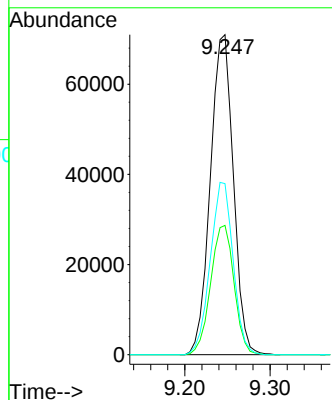
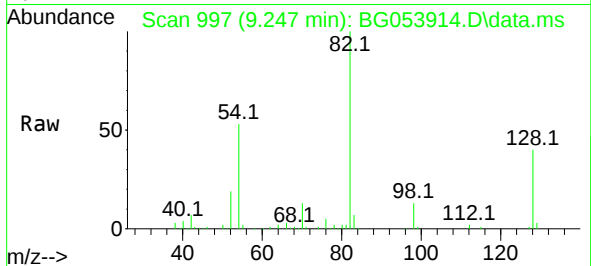




#23  
Nitrobenzene-d5  
Concen: 109.831 ng  
RT: 9.247 min Scan# 997  
Delta R.T. 0.001 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

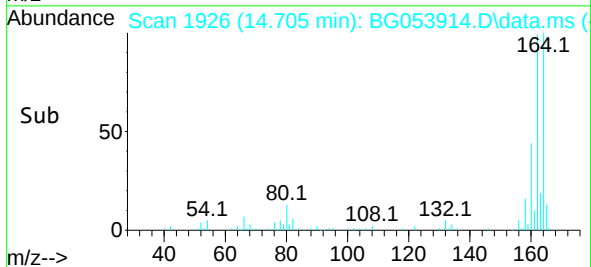
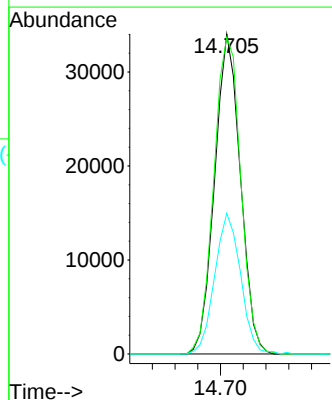
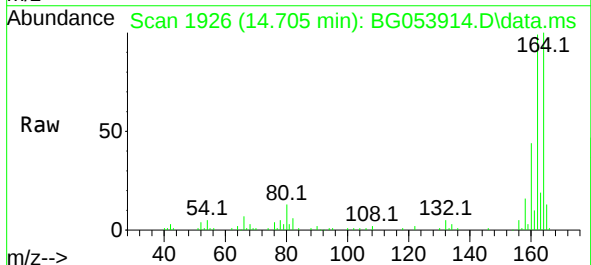
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BNA\_G  
ClientSampleId :  
WC-14A-1A-11

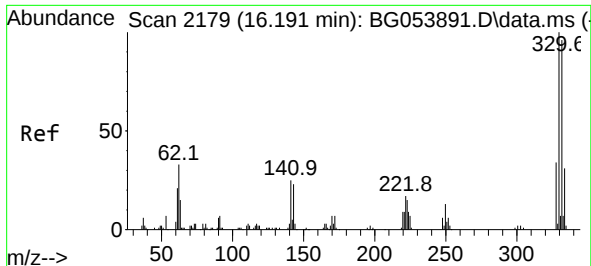
Tgt Ion: 82 Resp: 133243  
Ion Ratio Lower Upper  
82 100  
128 40.4 27.9 41.9  
54 53.4 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.705 min Scan# 1926  
Delta R.T. -0.005 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

Tgt Ion: 164 Resp: 53339  
Ion Ratio Lower Upper  
164 100  
162 99.0 82.3 123.5  
160 44.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 178.774 ng

RT: 16.192 min Scan# 2179

Delta R.T. 0.001 min

Lab File: BG053914.D

Acq: 14 Jun 2022 23:22

Instrument :

BNA\_G

ClientSampleId :

WC-14A-1A-11

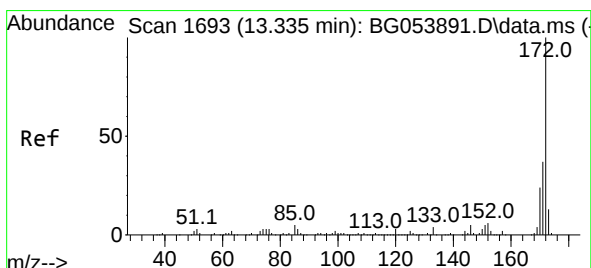
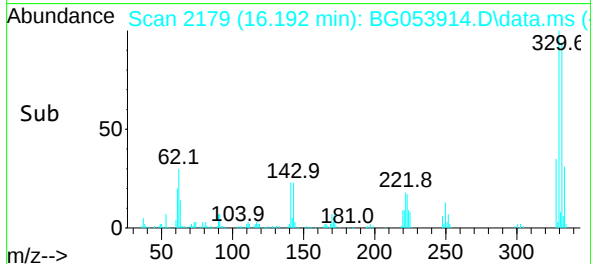
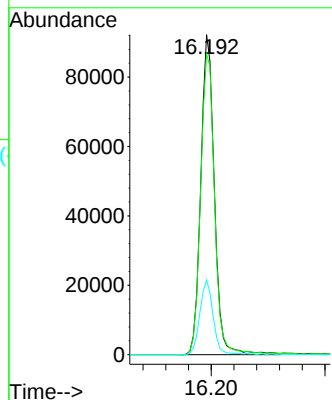
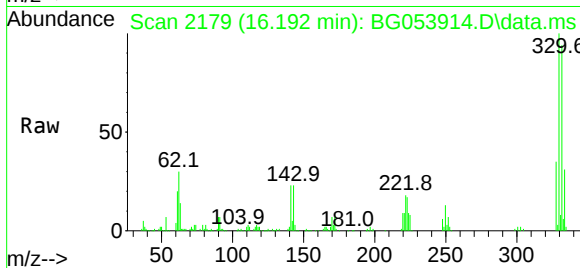
Tgt Ion:330 Resp: 153207

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 22.7 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 107.994 ng

RT: 13.336 min Scan# 1693

Delta R.T. 0.001 min

Lab File: BG053914.D

Acq: 14 Jun 2022 23:22

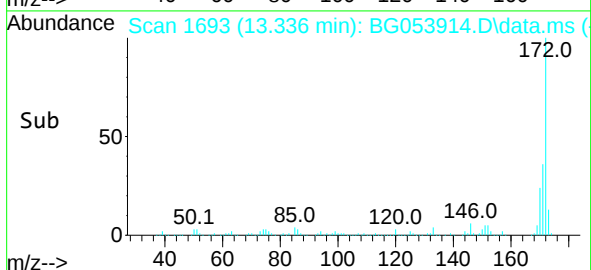
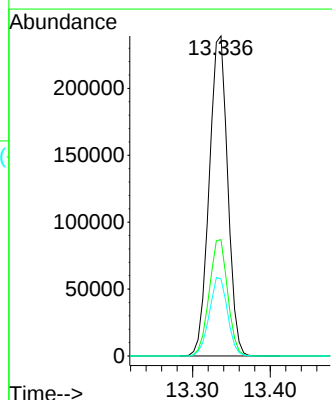
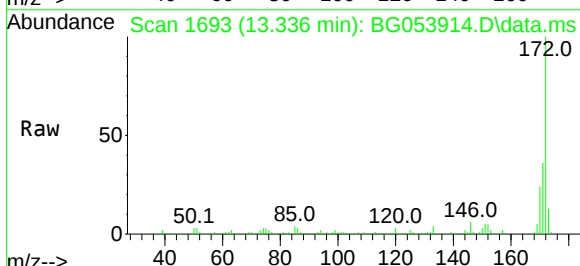
Tgt Ion:172 Resp: 396132

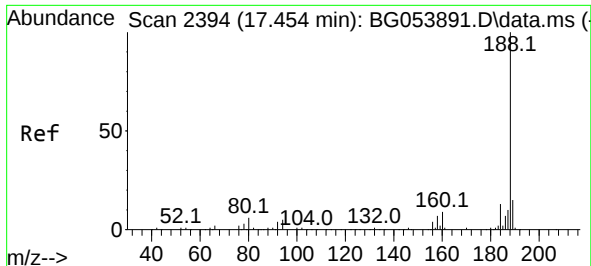
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.0 18.9 28.3

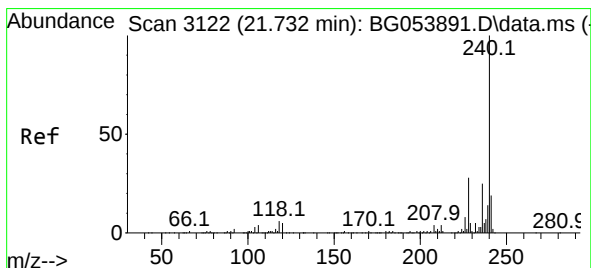
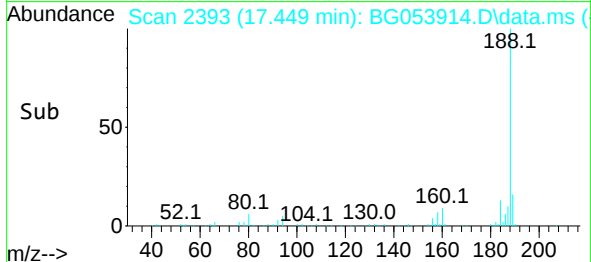
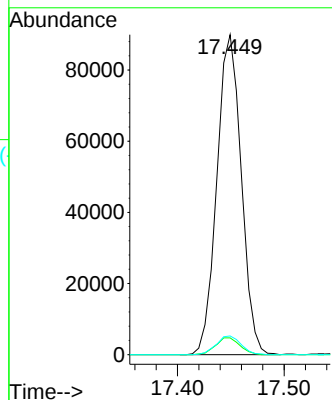
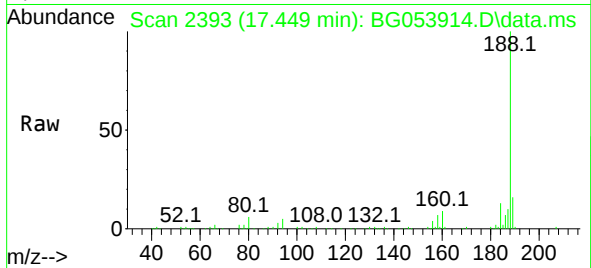




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.449 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

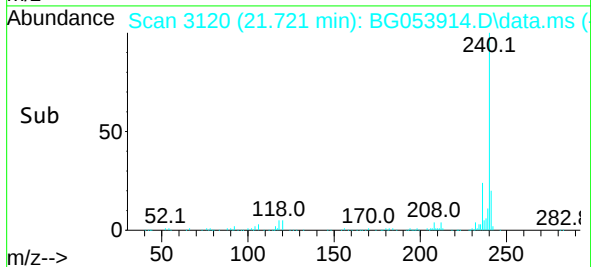
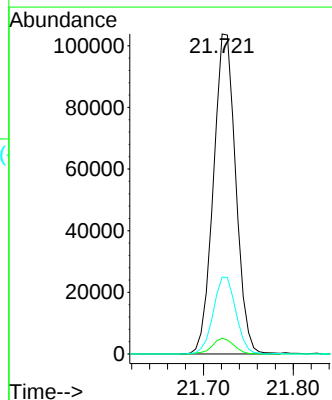
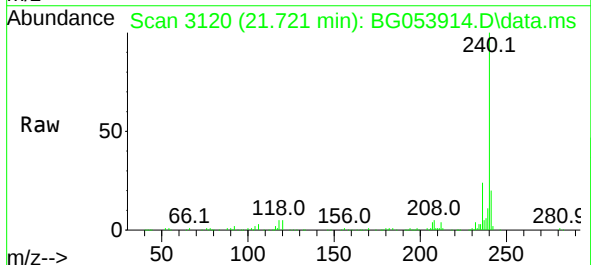
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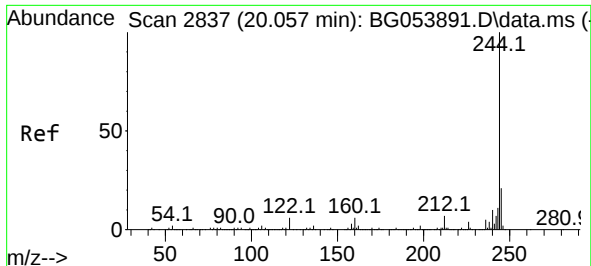
Tgt Ion:188 Resp: 142786  
Ion Ratio Lower Upper  
188 100  
94 5.2 5.4 8.0#  
80 5.9 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.721 min Scan# 3120  
Delta R.T. -0.011 min  
Lab File: BG053914.D  
Acq: 14 Jun 2022 23:22

Tgt Ion:240 Resp: 179302  
Ion Ratio Lower Upper  
240 100  
120 4.9 4.6 7.0  
236 24.0 20.2 30.4

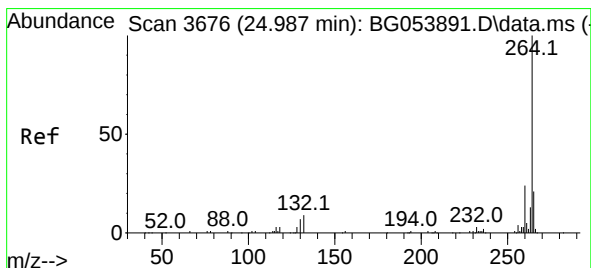
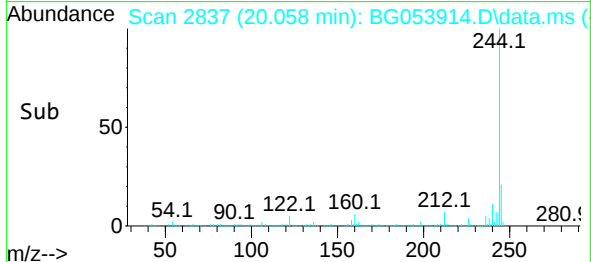
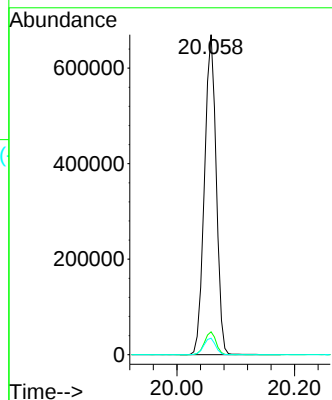
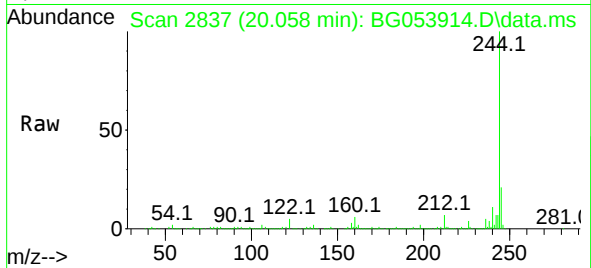




#79  
 Terphenyl-d14  
 Concen: 104.086 ng  
 RT: 20.058 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BG053914.D  
 Acq: 14 Jun 2022 23:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-14A-1A-11

Tgt Ion:244 Resp: 926613  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.5 9.7  
 122 5.1 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.987 min Scan# 3676  
 Delta R.T. 0.001 min  
 Lab File: BG053914.D  
 Acq: 14 Jun 2022 23:22

Tgt Ion:264 Resp: 185719  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.0 28.6  
 265 21.3 17.4 26.2

