

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051722\  
 Data File : BG053583.D  
 Acq On : 17 May 2022 14:30  
 Operator : CG/JU  
 Sample : N2806-02RE  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-8/9-1RE

Quant Time: May 17 15:28:37 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   | 8.078  | 152  | 28183    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.892 | 136  | 106470   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.710 | 164  | 21275    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.453 | 188  | 99976    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.736 | 240  | 9458     | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.020 | 264  | 61       | 20.000  | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.652  | 112  | 203362   | 122.461 | ng    | 0.00     |
| 7) Phenol-d6                | 7.244  | 99   | 111105   | 44.085  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.241  | 82   | 245386   | 98.109  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.196 | 330  | 150999   | 481.223 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.330 | 172  | 514729   | 353.543 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.056 | 244  | 387492   | 763.049 | ng    | 0.00     |

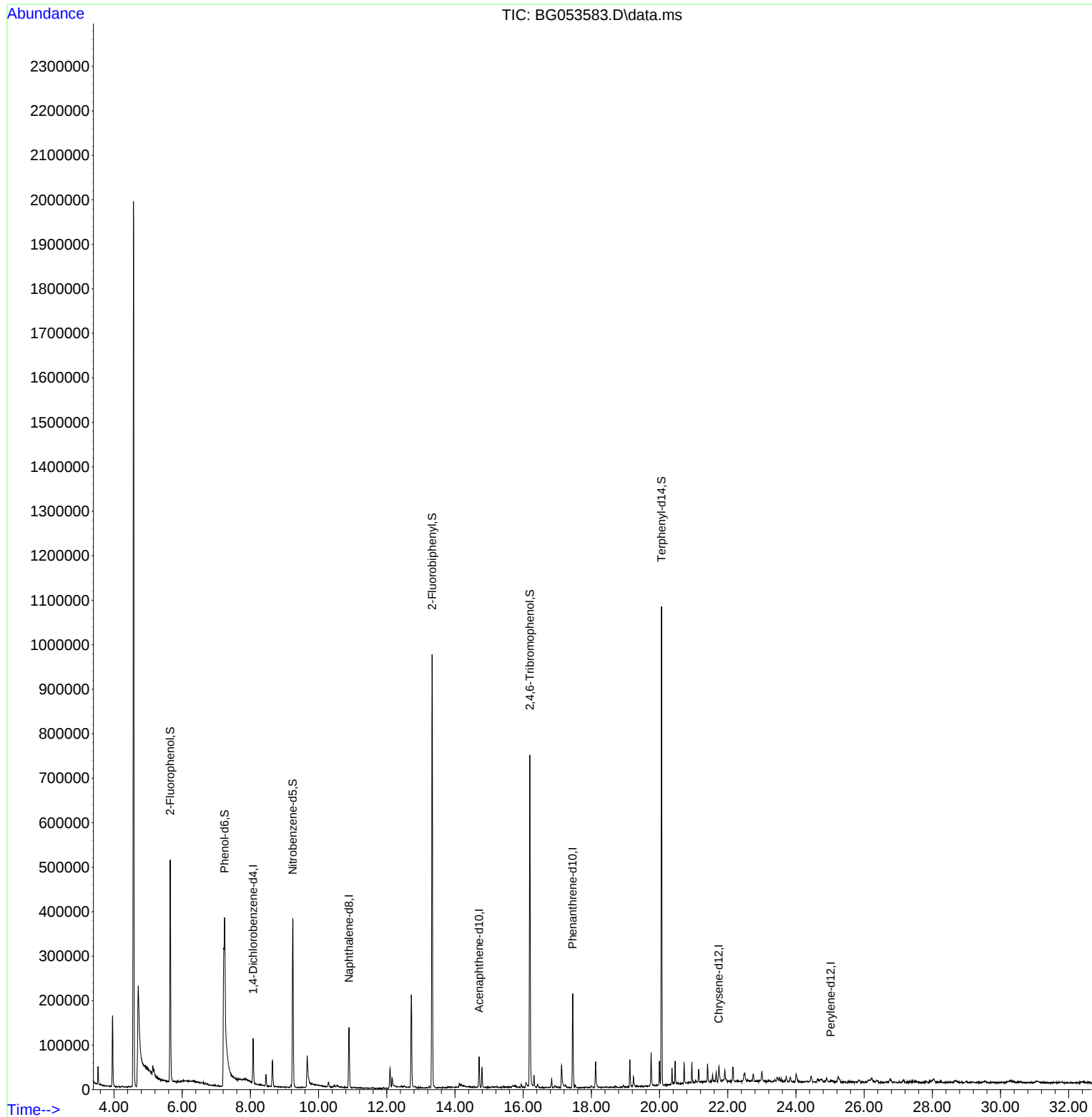
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

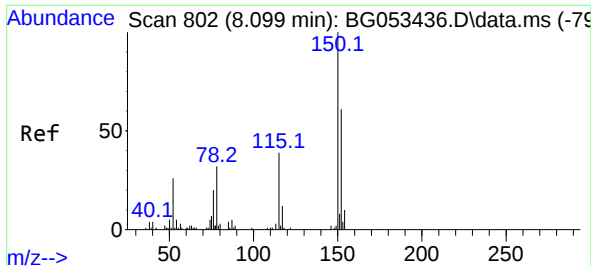
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 11 06:00:46 2022  
Response via : Initial Calibration

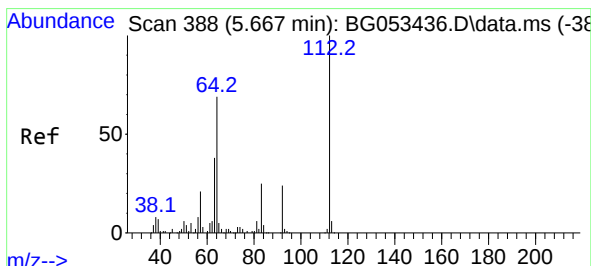
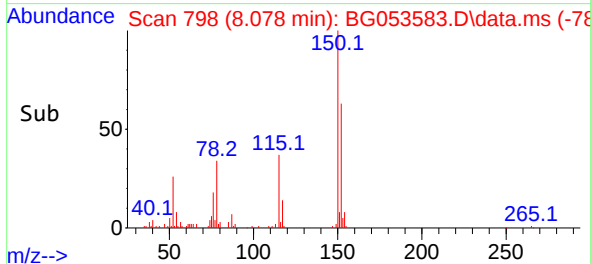
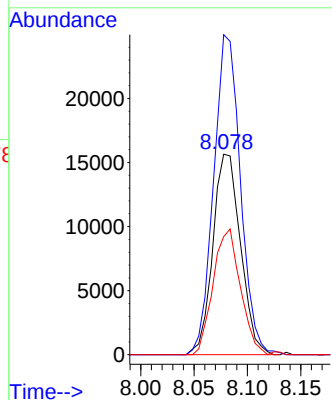
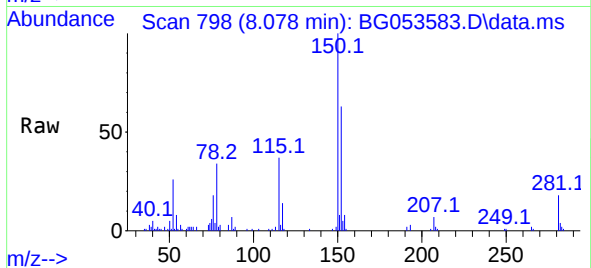




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.078 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BG053583.D  
Acq: 17 May 2022 14:30

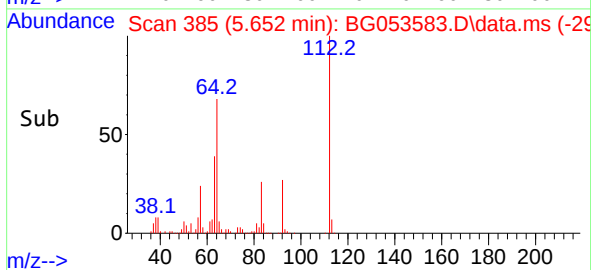
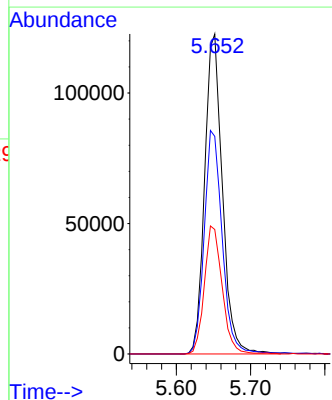
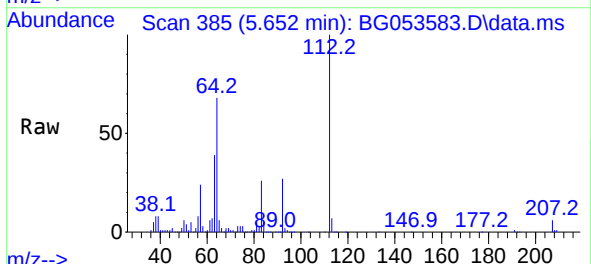
Instrument :  
BNA\_G  
ClientSampleId :  
WC-8/9-1RE

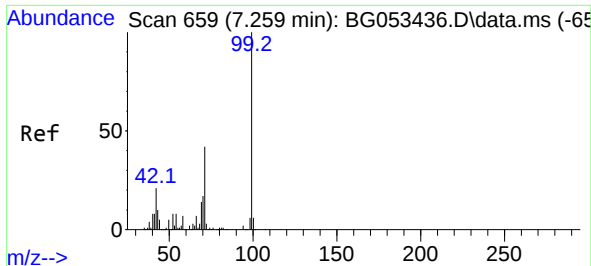
Tgt Ion:152 Resp: 28183  
Ion Ratio Lower Upper  
152 100  
150 159.7 131.6 197.4  
115 58.9 50.9 76.3



#5  
2-Fluorophenol  
Concen: 122.461 ng  
RT: 5.652 min Scan# 385  
Delta R.T. 0.000 min  
Lab File: BG053583.D  
Acq: 17 May 2022 14:30

Tgt Ion:112 Resp: 203362  
Ion Ratio Lower Upper  
112 100  
64 68.0 55.1 82.7  
63 38.9 30.4 45.6



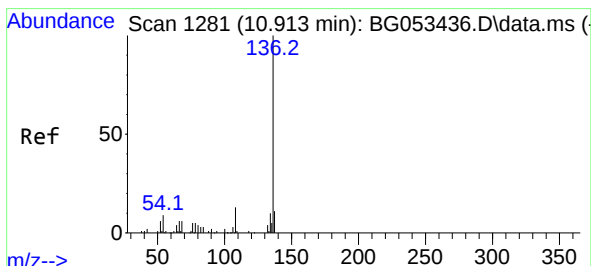
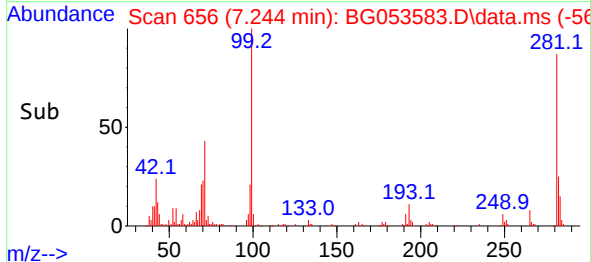
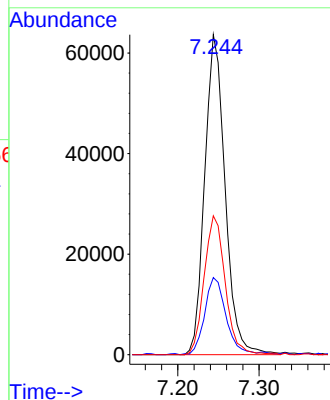
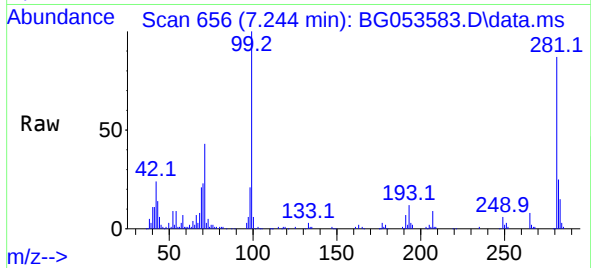


#7  
Phenol-d6  
Concen: 44.085 ng  
RT: 7.244 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: BG053583.D  
Acq: 17 May 2022 14:30

Instrument :  
BNA\_G  
ClientSampleId :  
WC-8/9-1RE

Tgt Ion: 99 Resp: 111105

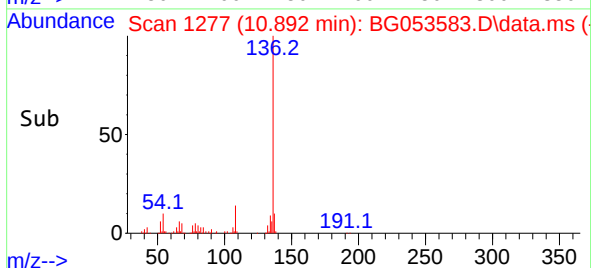
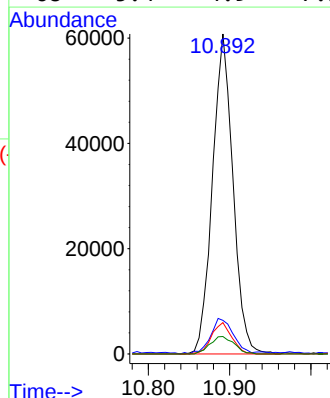
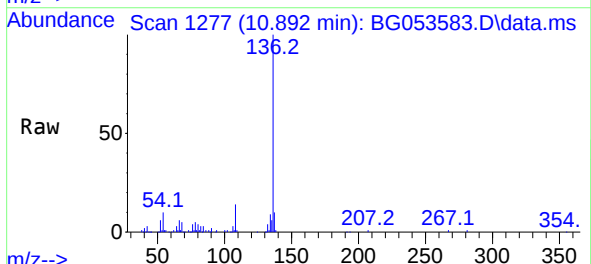
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.1  | 17.0  | 25.6  |
| 71  | 43.4  | 33.8  | 50.8  |

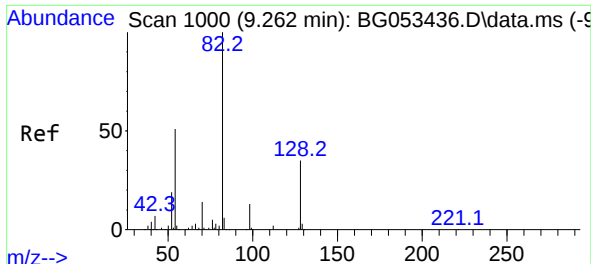


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.892 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BG053583.D  
Acq: 17 May 2022 14:30

Tgt Ion: 136 Resp: 106470

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.5   | 12.7  |
| 54  | 9.8   | 7.4   | 11.2  |
| 68  | 5.4   | 4.9   | 7.3   |





#23

Nitrobenzene-d5

Concen: 98.109 ng

RT: 9.241 min Scan# 996

Delta R.T. -0.012 min

Lab File: BG053583.D

Acq: 17 May 2022 14:30

Instrument :

BNA\_G

ClientSampleId :

WC-8/9-1RE

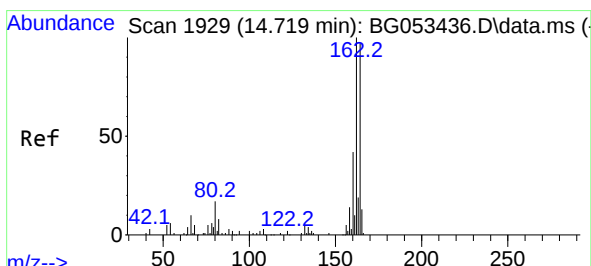
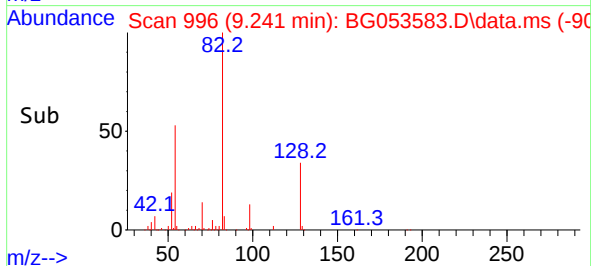
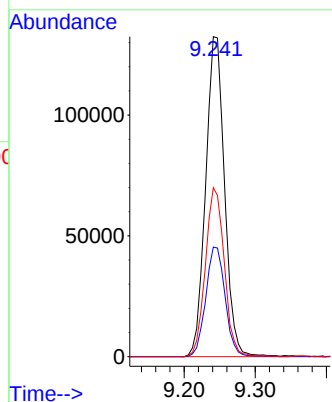
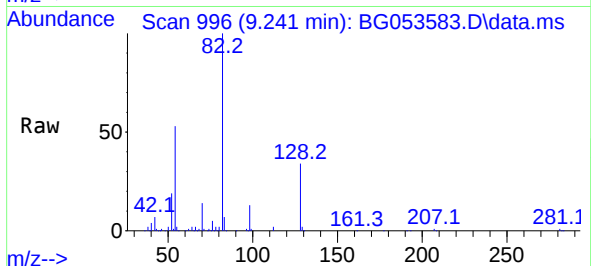
Tgt Ion: 82 Resp: 245386

Ion Ratio Lower Upper

82 100

128 34.3 27.9 41.9

54 52.8 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.710 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BG053583.D

Acq: 17 May 2022 14:30

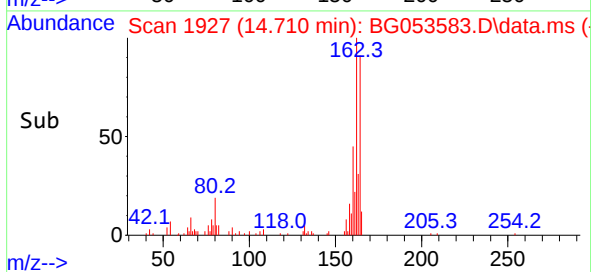
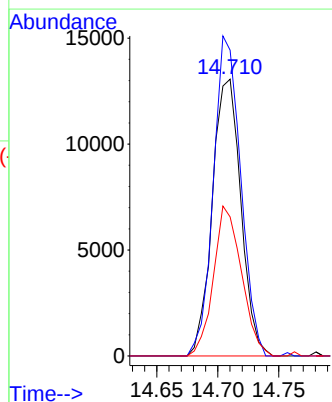
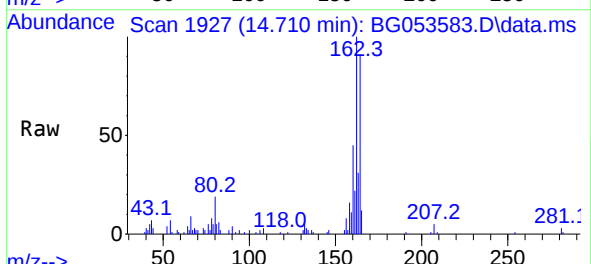
Tgt Ion: 164 Resp: 21275

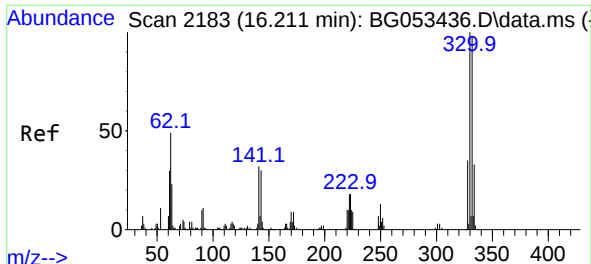
Ion Ratio Lower Upper

164 100

162 110.5 82.3 123.5

160 50.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 481.223 ng

RT: 16.196 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053583.D

Acq: 17 May 2022 14:30

Instrument :

BNA\_G

ClientSampleId :

WC-8/9-1RE

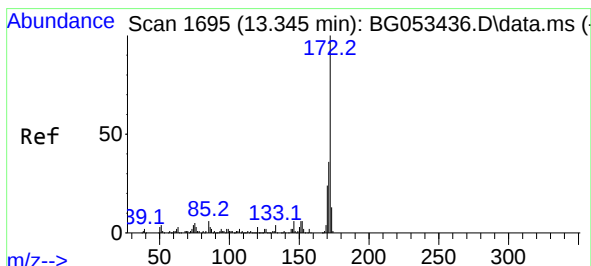
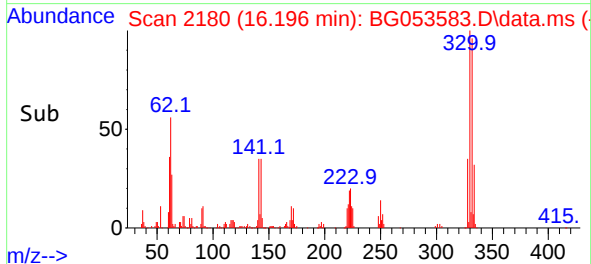
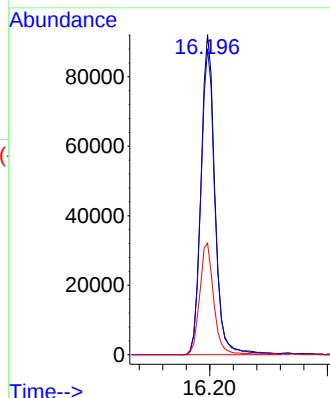
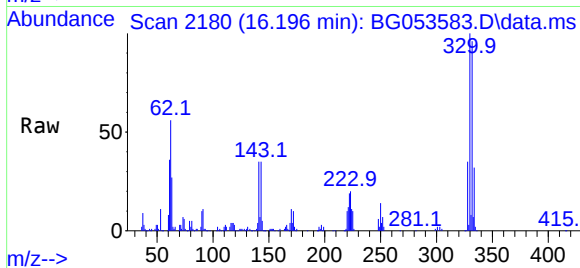
Tgt Ion:330 Resp: 150999

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 35.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 353.543 ng

RT: 13.330 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BG053583.D

Acq: 17 May 2022 14:30

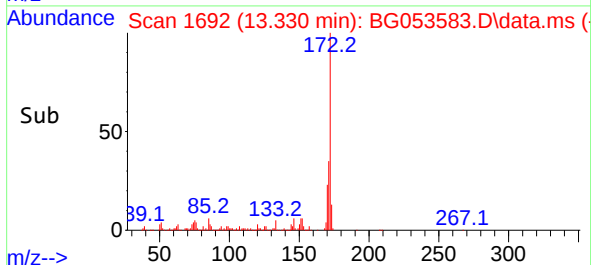
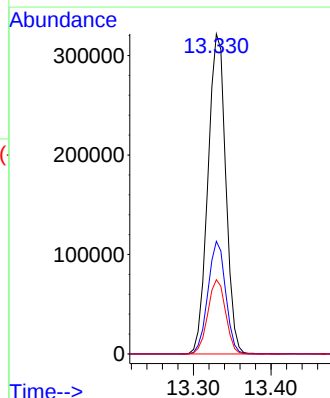
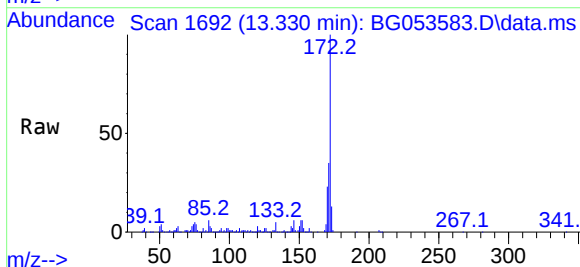
Tgt Ion:172 Resp: 514729

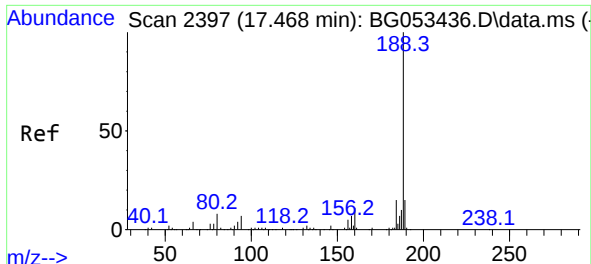
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.2 18.9 28.3

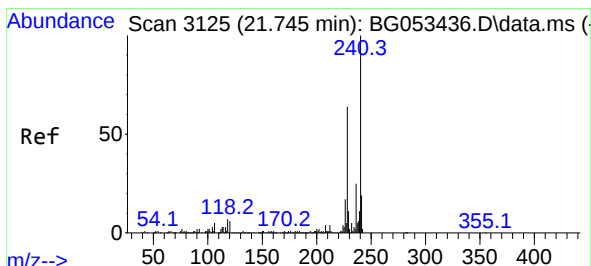
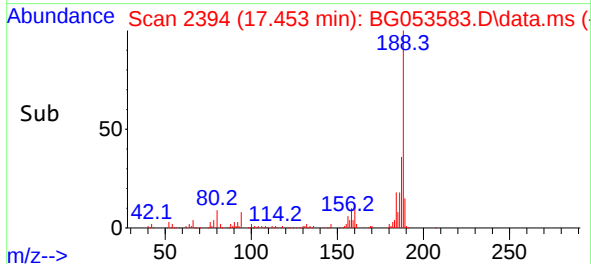
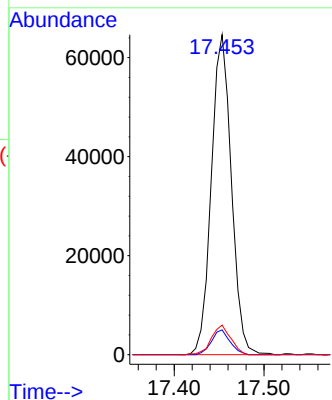
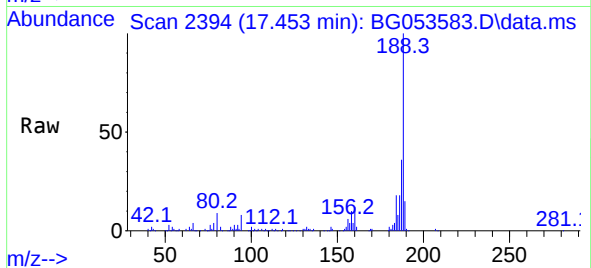




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.453 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG053583.D  
Acq: 17 May 2022 14:30

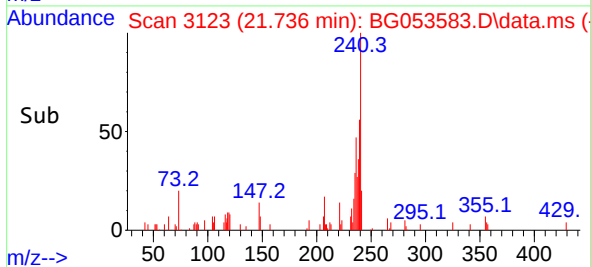
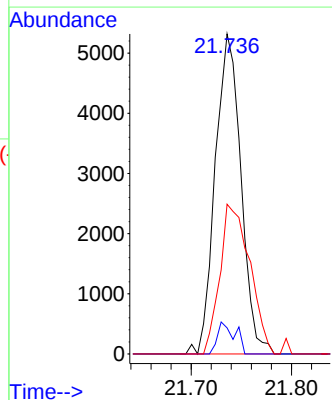
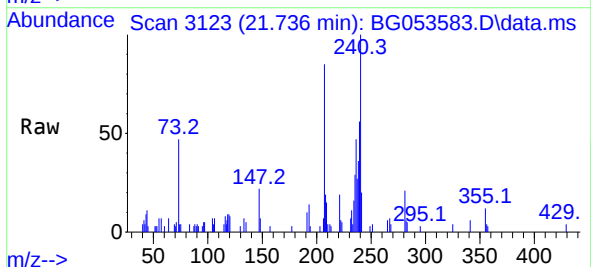
Instrument :  
BNA\_G  
ClientSampleId :  
WC-8/9-1RE

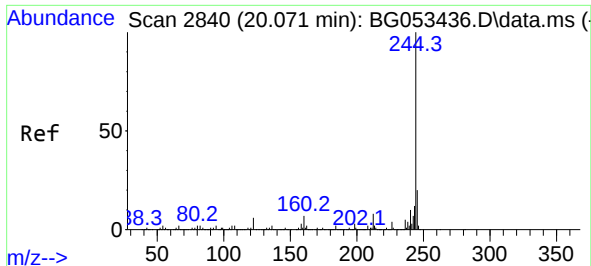
Tgt Ion:188 Resp: 99976  
Ion Ratio Lower Upper  
188 100  
94 7.8 5.4 8.0  
80 9.3 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.736 min Scan# 3123  
Delta R.T. -0.006 min  
Lab File: BG053583.D  
Acq: 17 May 2022 14:30

Tgt Ion:240 Resp: 9458  
Ion Ratio Lower Upper  
240 100  
120 8.2 4.6 7.0#  
236 46.8 20.2 30.4#

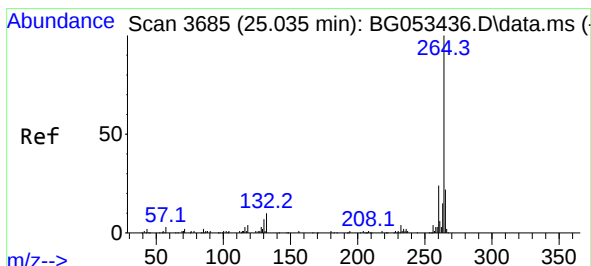
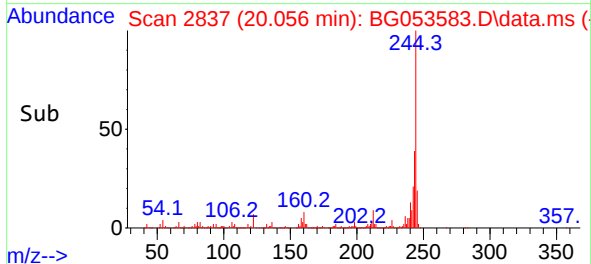
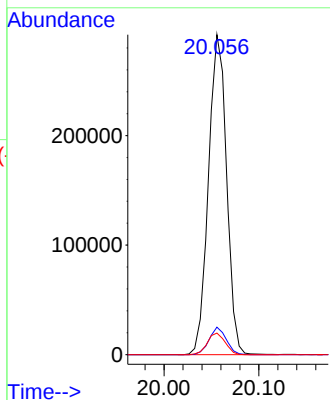
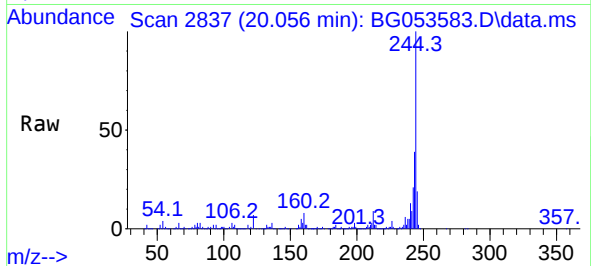




#79  
 Terphenyl-d14  
 Concen: 763.049 ng  
 RT: 20.056 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG053583.D  
 Acq: 17 May 2022 14:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-8/9-1RE

Tgt Ion:244 Resp: 387492  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.5 9.7  
 122 6.7 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.020 min Scan# 3682  
 Delta R.T. 0.000 min  
 Lab File: BG053583.D  
 Acq: 17 May 2022 14:30

Tgt Ion:264 Resp: 61  
 Ion Ratio Lower Upper  
 264 100  
 260 0.0 19.0 28.6#  
 265 91.3 17.4 26.2#

