

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042222\  
 Data File : BG053279.D  
 Acq On : 23 Apr 2022 2:43  
 Operator : CG/JU  
 Sample : N2526-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-5S

Quant Time: Apr 24 01:18:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 01:13:30 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.106  | 152  | 24585    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.920 | 136  | 103557   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.732 | 164  | 81077    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.476 | 188  | 212204   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.758 | 240  | 229693   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.054 | 264  | 238963   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.674  | 112  | 214463   | 149.534 | ng    | 0.00     |
| 7) Phenol-d6                | 7.272  | 99   | 297259   | 134.403 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.269  | 82   | 230892   | 90.530  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.219 | 330  | 185720   | 143.980 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.358 | 172  | 524811   | 89.256  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.078 | 244  | 1173894  | 86.315  | ng    | 0.00     |

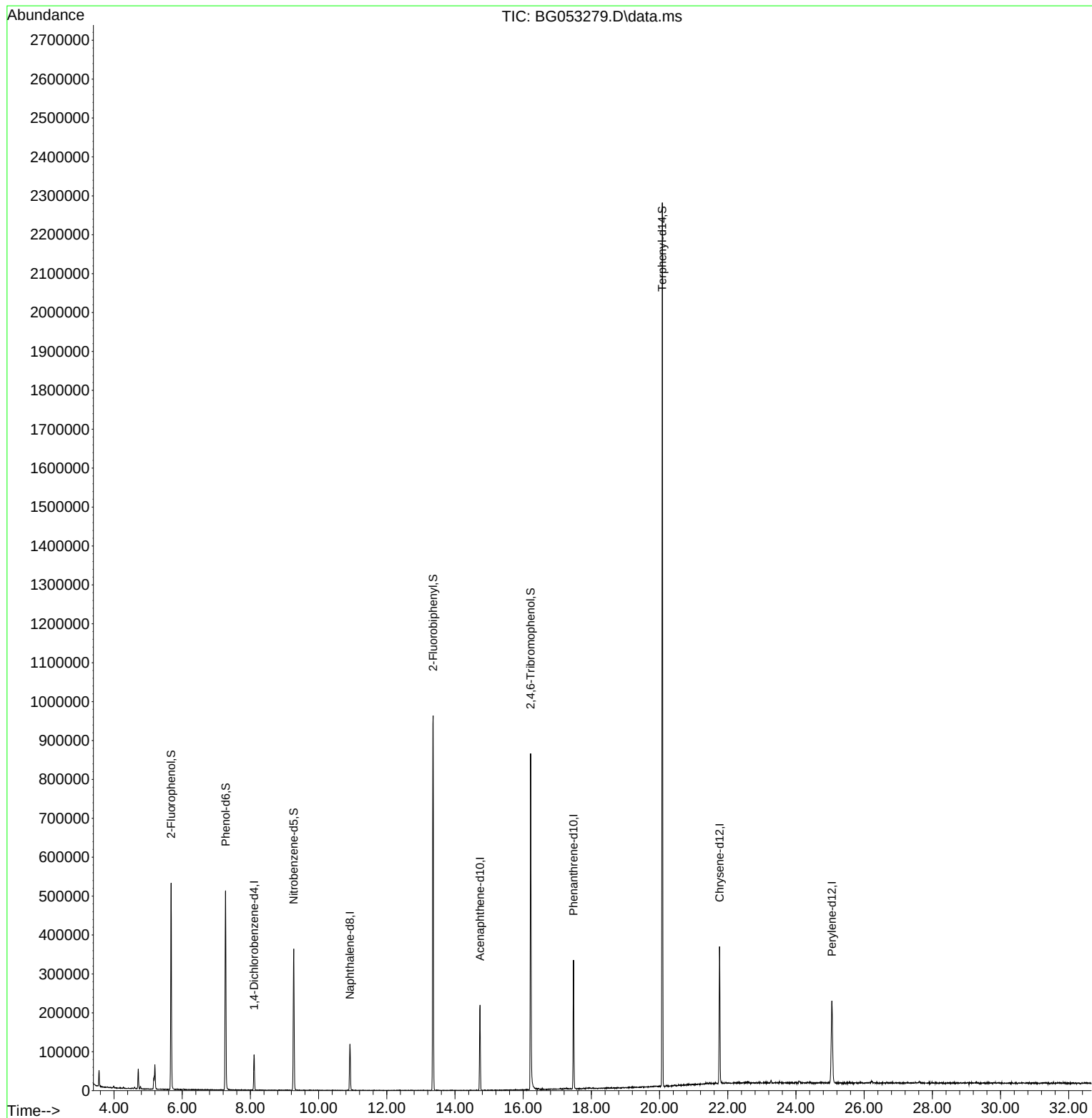
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

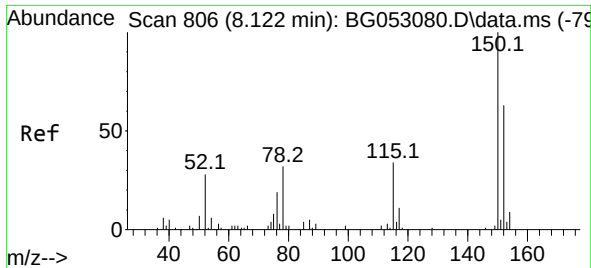
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

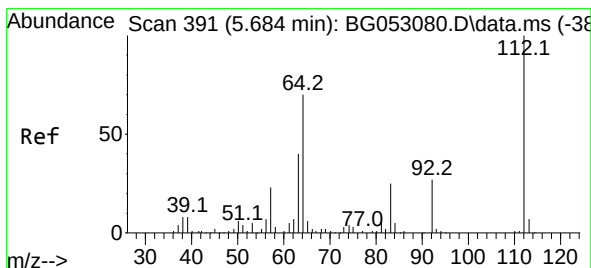
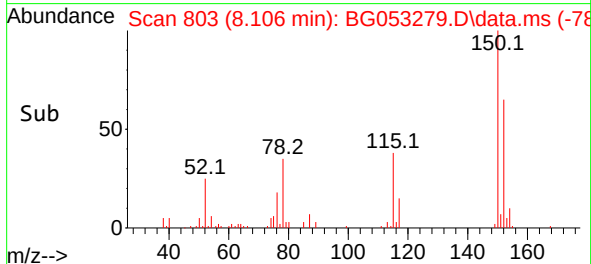
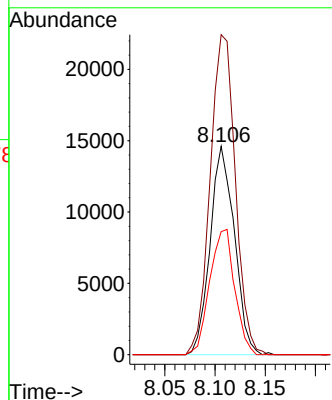
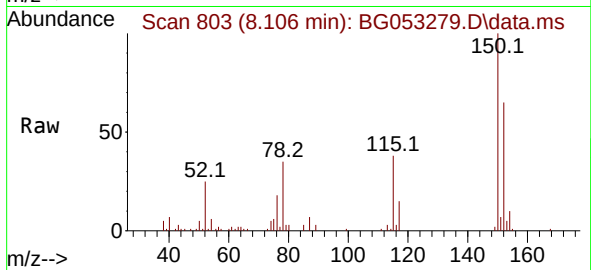




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.106 min Scan# 80  
Delta R.T. -0.007 min  
Lab File: BG053279.D  
Acq: 23 Apr 2022 2:43

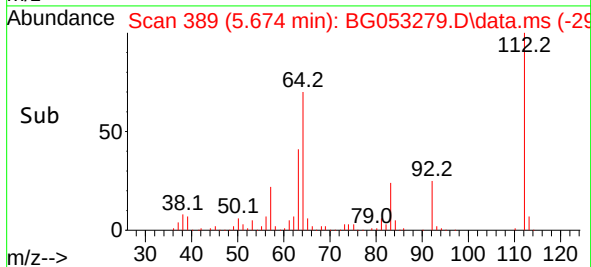
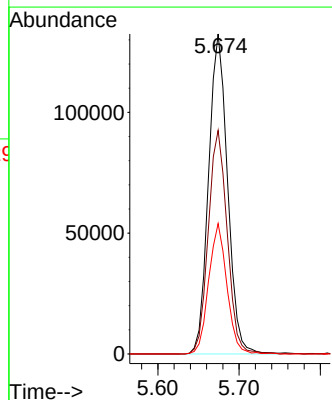
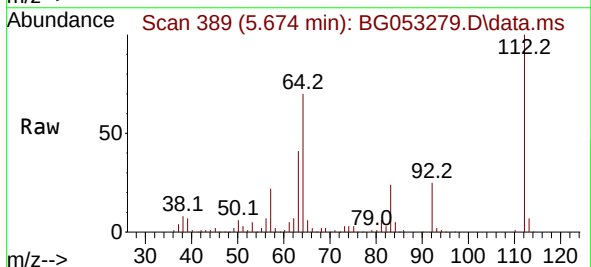
Instrument :  
BNA\_G  
ClientSampleId :  
MH-5S

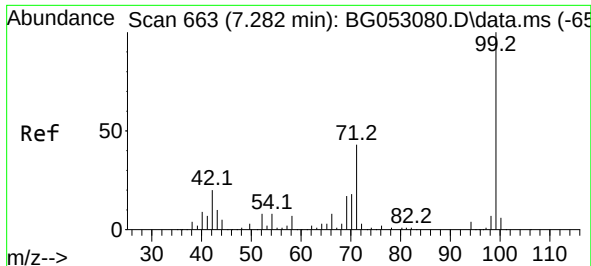
Tgt Ion:152 Resp: 24585  
Ion Ratio Lower Upper  
152 100  
150 153.6 114.6 172.0  
115 59.1 45.9 68.9



#5  
2-Fluorophenol  
Concen: 149.534 ng  
RT: 5.674 min Scan# 389  
Delta R.T. -0.001 min  
Lab File: BG053279.D  
Acq: 23 Apr 2022 2:43

Tgt Ion:112 Resp: 214463  
Ion Ratio Lower Upper  
112 100  
64 69.8 48.0 72.0  
63 40.7 26.5 39.7#

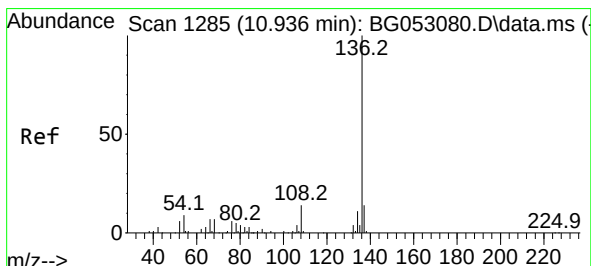
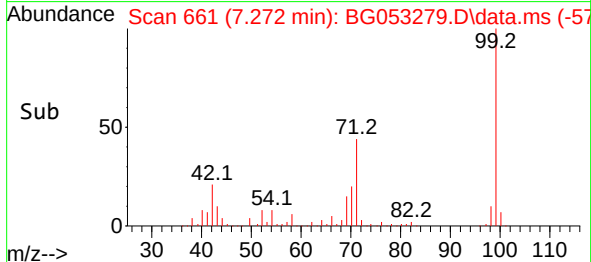
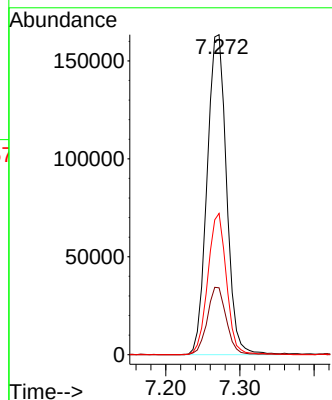
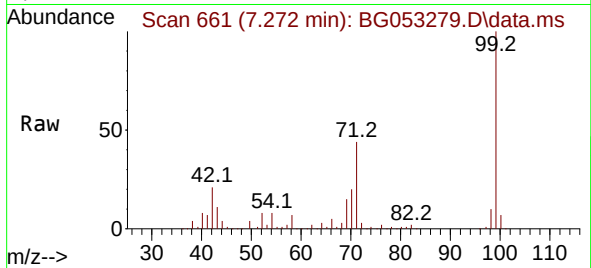




#7  
Phenol-d6  
Concen: 134.403 ng  
RT: 7.272 min Scan# 60  
Delta R.T. -0.001 min  
Lab File: BG053279.D  
Acq: 23 Apr 2022 2:43

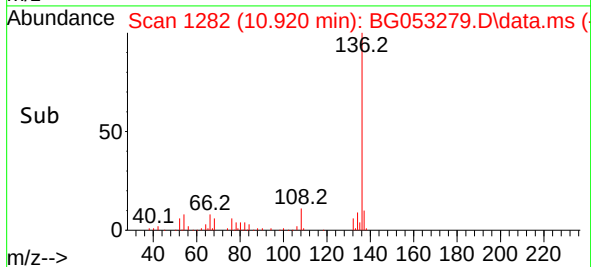
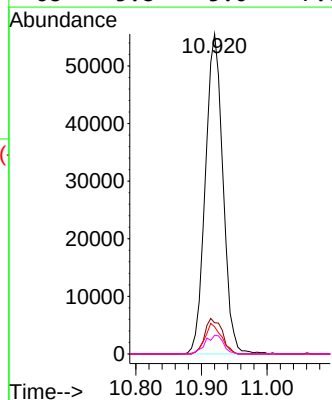
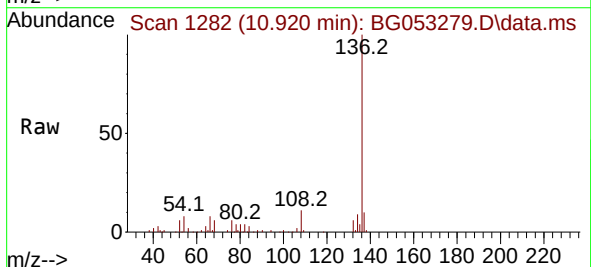
Instrument :  
BNA\_G  
ClientSampleId :  
MH-5S

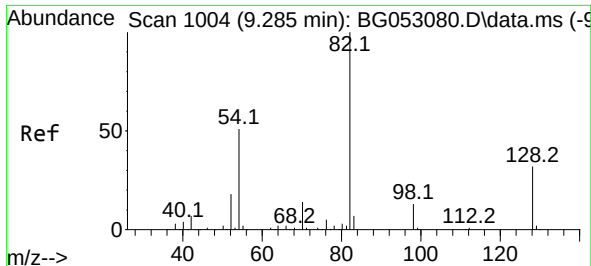
Tgt Ion: 99 Resp: 297259  
Ion Ratio Lower Upper  
99 100  
42 20.9 14.7 22.1  
71 44.1 29.2 43.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.920 min Scan# 1282  
Delta R.T. -0.001 min  
Lab File: BG053279.D  
Acq: 23 Apr 2022 2:43

Tgt Ion: 136 Resp: 103557  
Ion Ratio Lower Upper  
136 100  
137 9.7 9.4 14.2  
54 8.5 6.4 9.6  
68 5.8 5.0 7.6

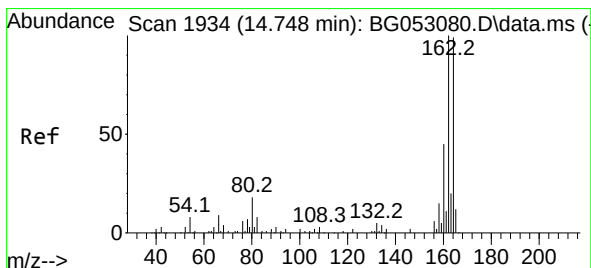
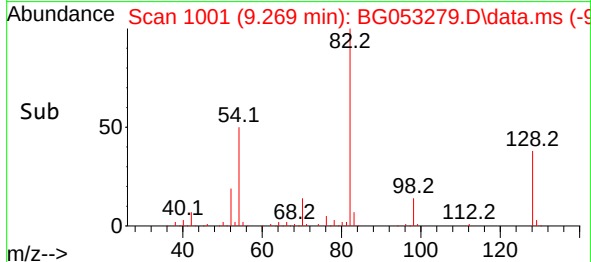
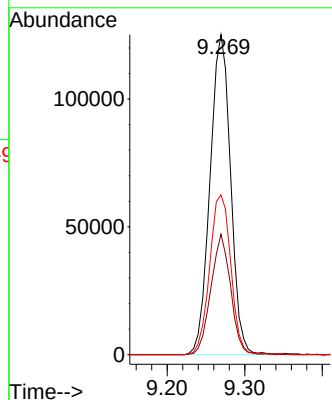
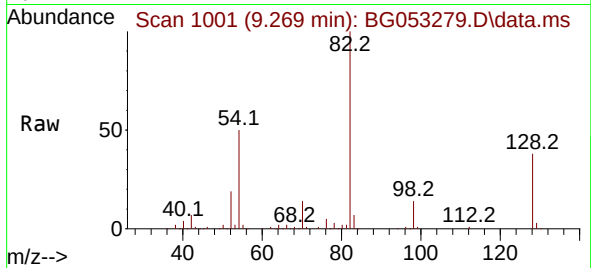




#23  
Nitrobenzene-d5  
Concen: 90.530 ng  
RT: 9.269 min Scan# 1001  
Delta R.T. -0.007 min  
Lab File: BG053279.D  
Acq: 23 Apr 2022 2:43

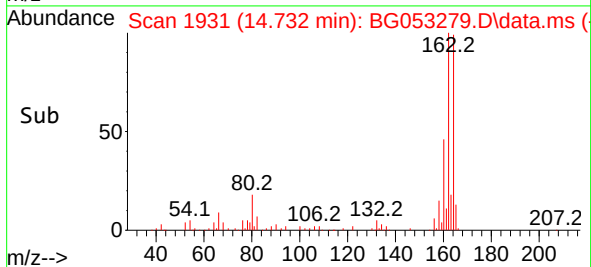
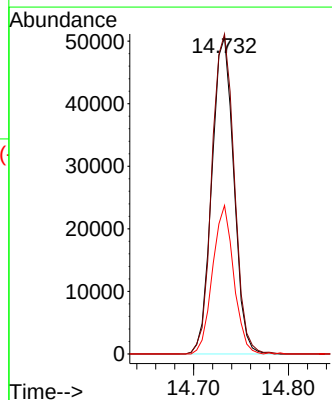
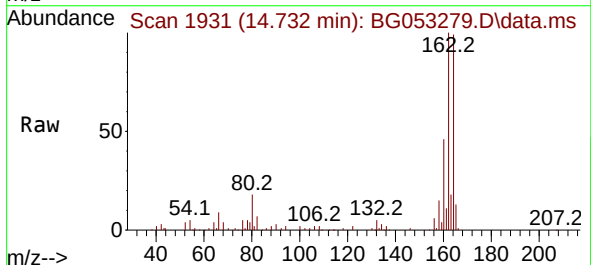
Instrument :  
BNA\_G  
ClientSampleId :  
MH-5S

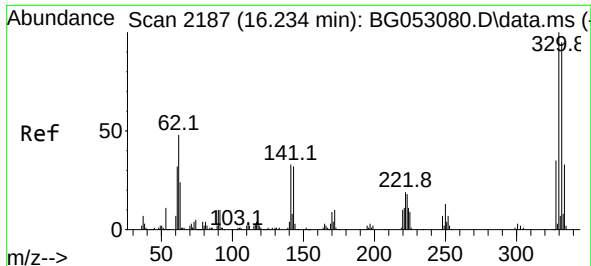
Tgt Ion: 82 Resp: 230892  
Ion Ratio Lower Upper  
82 100  
128 37.6 31.3 46.9  
54 49.9 37.8 56.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.732 min Scan# 1931  
Delta R.T. -0.001 min  
Lab File: BG053279.D  
Acq: 23 Apr 2022 2:43

Tgt Ion: 164 Resp: 81077  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.0 120.0  
160 46.9 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 143.980 ng

RT: 16.219 min Scan# 2187

Delta R.T. -0.007 min

Lab File: BG053279.D

Acq: 23 Apr 2022 2:43

Instrument :

BNA\_G

ClientSampleId :

MH-5S

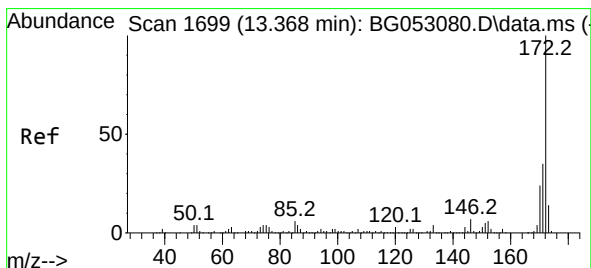
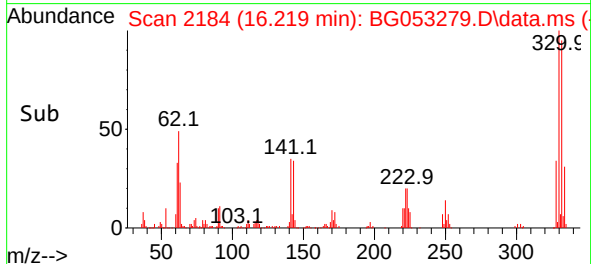
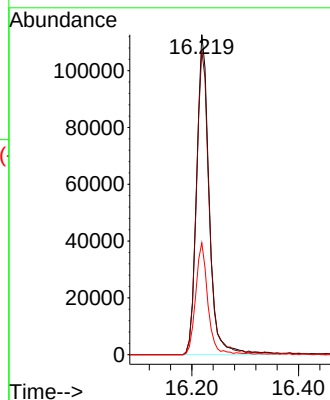
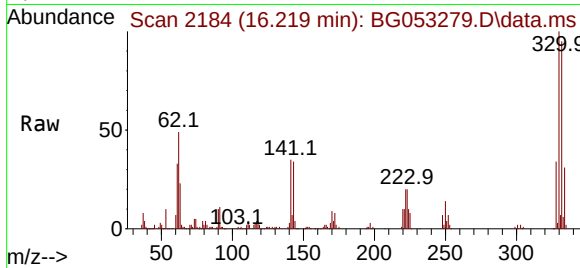
Tgt Ion:330 Resp: 185720

Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.6

141 33.8 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 89.256 ng

RT: 13.358 min Scan# 1697

Delta R.T. -0.001 min

Lab File: BG053279.D

Acq: 23 Apr 2022 2:43

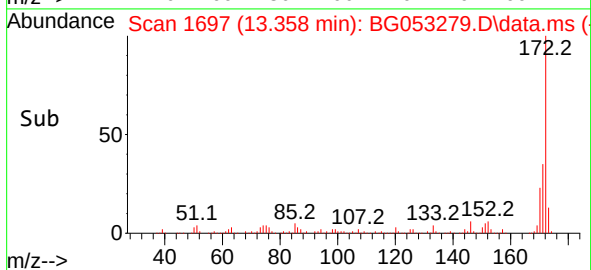
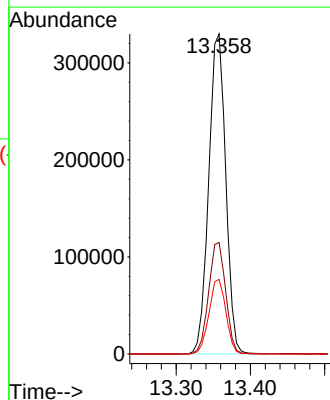
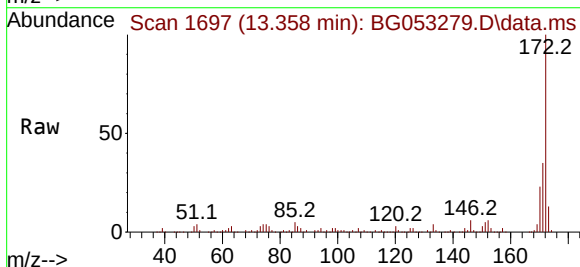
Tgt Ion:172 Resp: 524811

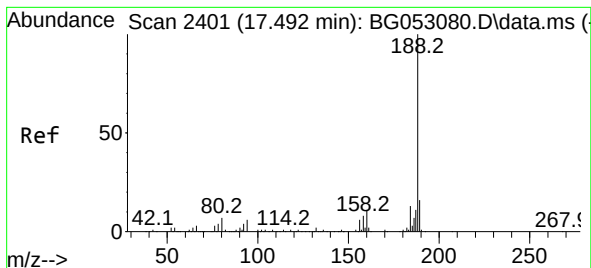
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.476 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG053279.D

Acq: 23 Apr 2022 2:43

Instrument :

BNA\_G

ClientSampleId :

MH-5S

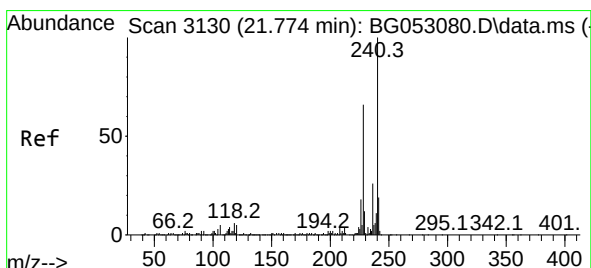
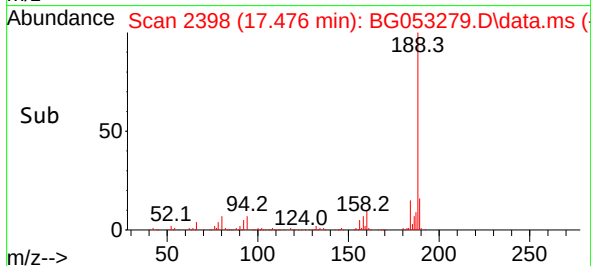
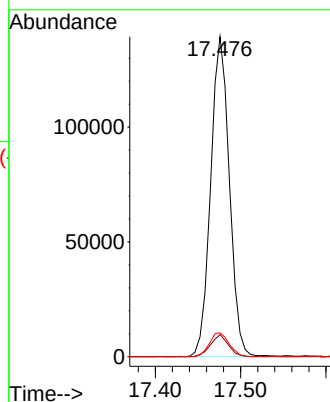
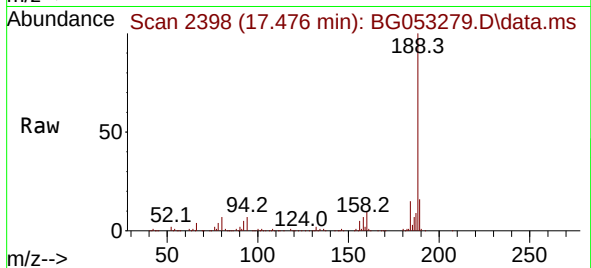
Tgt Ion:188 Resp: 212204

Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 7.5 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.758 min Scan# 3127

Delta R.T. -0.007 min

Lab File: BG053279.D

Acq: 23 Apr 2022 2:43

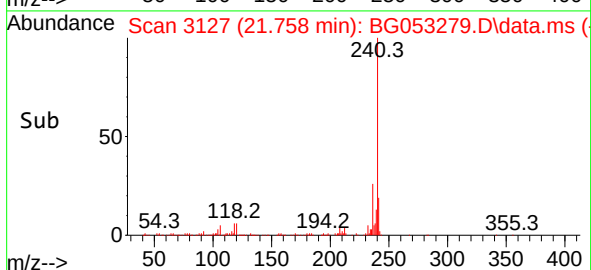
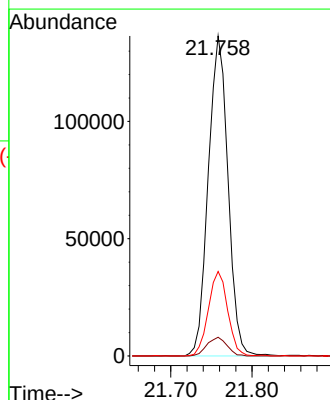
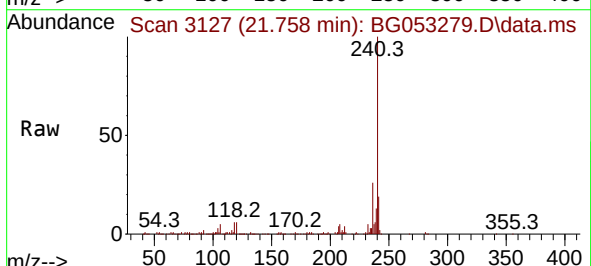
Tgt Ion:240 Resp: 229693

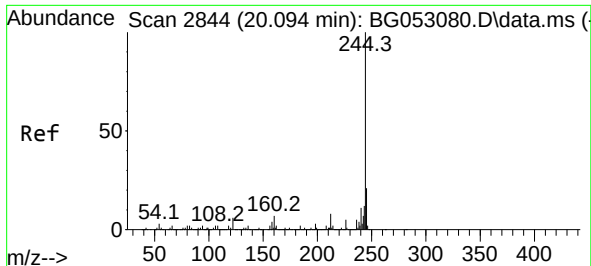
Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.0

236 26.4 19.8 29.6

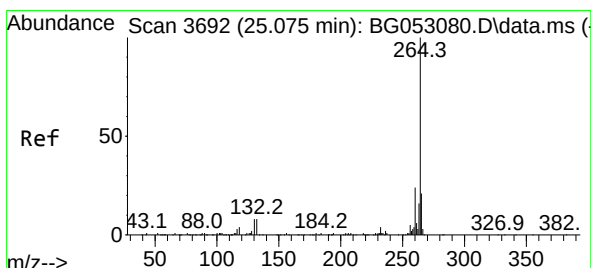
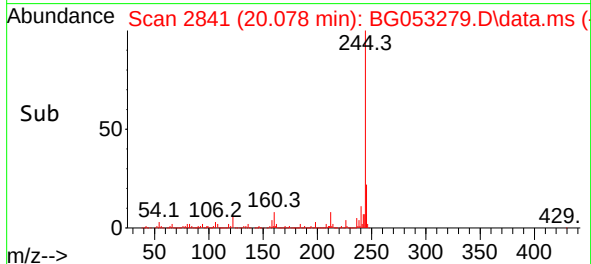
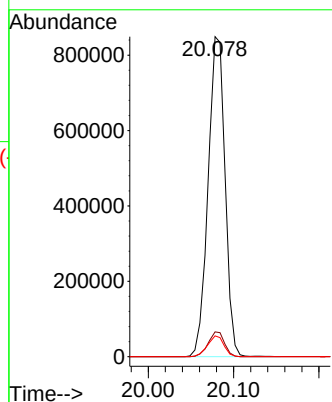
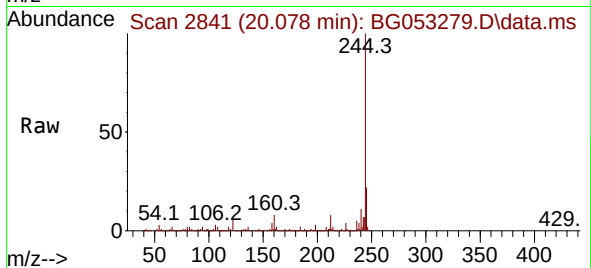




#79  
 Terphenyl-d14  
 Concen: 86.315 ng  
 RT: 20.078 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BG053279.D  
 Acq: 23 Apr 2022 2:43

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-5S

Tgt Ion:244 Resp: 1173894  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.4 8.2  
 122 6.5 5.8 8.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.054 min Scan# 3688  
 Delta R.T. -0.007 min  
 Lab File: BG053279.D  
 Acq: 23 Apr 2022 2:43

Tgt Ion:264 Resp: 238963  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.2 27.2  
 265 20.9 15.1 22.7

