

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051922\  
 Data File : BG053635.D  
 Acq On : 19 May 2022 20:51  
 Operator : CG/JU  
 Sample : N2871-11 10X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P017-SS003-0006-01

Quant Time: May 20 03:58:19 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 03:55:28 2022  
 Response via : Initial Calibration

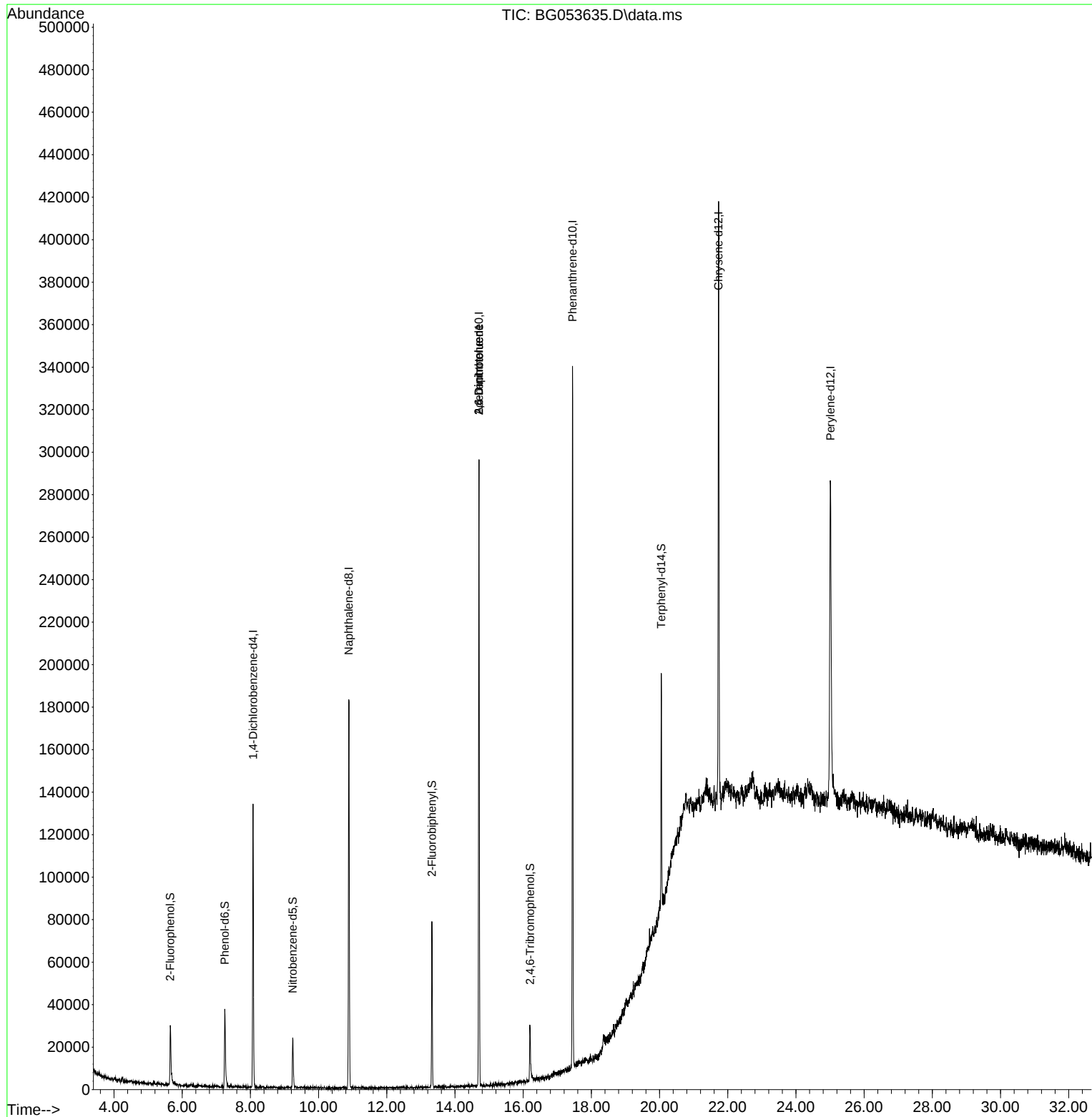
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.078  | 152  | 36054    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.886 | 136  | 151317   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.704 | 164  | 106562   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.448 | 188  | 211085   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.730 | 240  | 177256   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.014 | 264  | 185661   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.652  | 112  | 16046    | 7.553  | ng    | 0.00     |
| 7) Phenol-d6                | 7.250  | 99   | 25367    | 7.868  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.241  | 82   | 17193    | 4.837  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.202 | 330  | 7250     | 4.613  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.324 | 172  | 41542    | 5.697  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.050 | 244  | 55397    | 5.821  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 51) 2,6-Dinitrotoluene      | 14.704 | 165  | 14695    | 8.907  | ng    | # 18     |
| 57) 2,4-Dinitrotoluene      | 14.704 | 165  | 14695    | 6.145  | ng    | # 23     |
| -----                       |        |      |          |        |       |          |

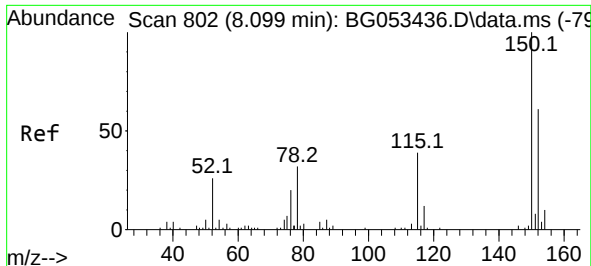
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051922\  
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P017-SS003-0006-01

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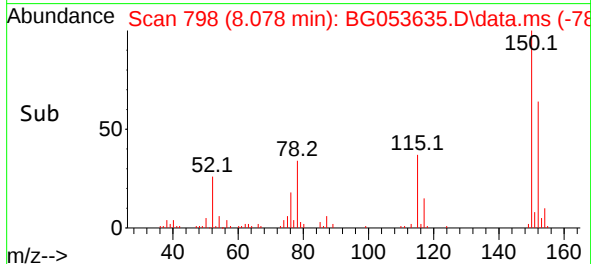
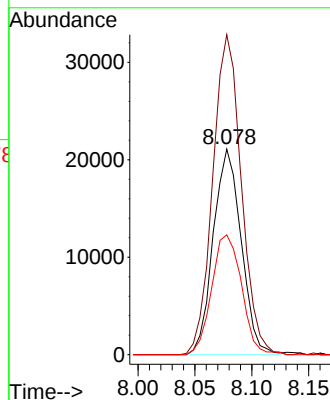
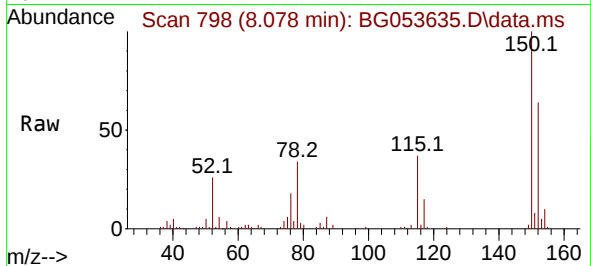




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.078 min Scan# 79  
Delta R.T. 0.003 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

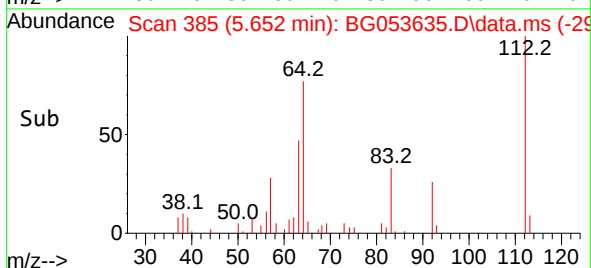
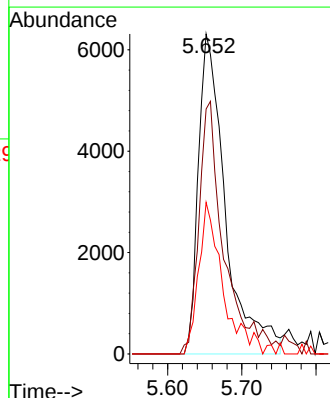
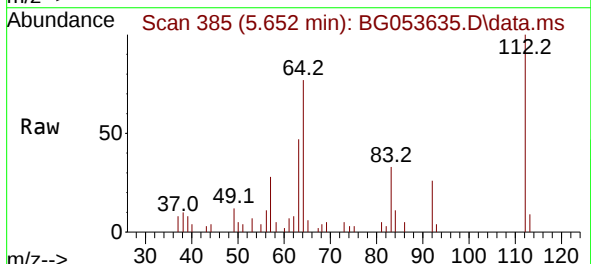
Instrument :  
BNA\_G  
ClientSampleId :  
P017-SS003-0006-01

Tgt Ion:152 Resp: 36054  
Ion Ratio Lower Upper  
152 100  
150 155.6 131.6 197.4  
115 58.2 50.9 76.3



#5  
2-Fluorophenol  
Concen: 7.553 ng  
RT: 5.652 min Scan# 385  
Delta R.T. 0.009 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

Tgt Ion:112 Resp: 16046  
Ion Ratio Lower Upper  
112 100  
64 76.6 55.1 82.7  
63 47.4 30.4 45.6#

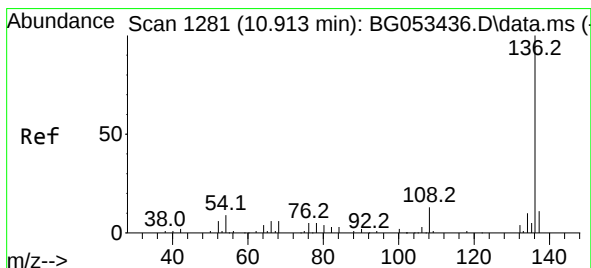
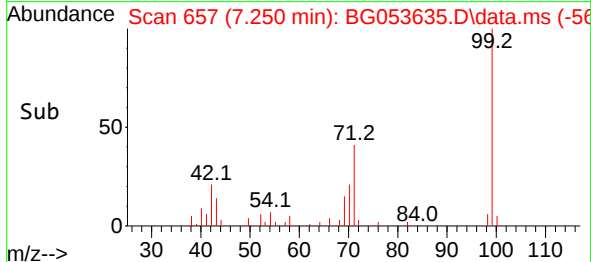
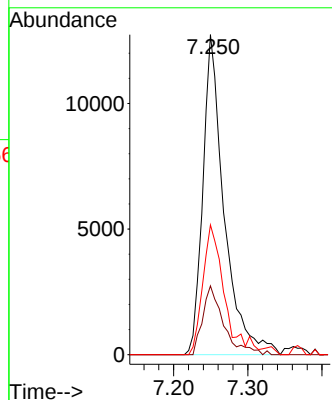
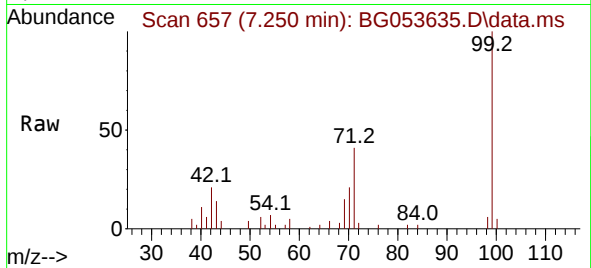




#7  
Phenol-d6  
Concen: 7.868 ng  
RT: 7.250 min Scan# 61  
Delta R.T. 0.009 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

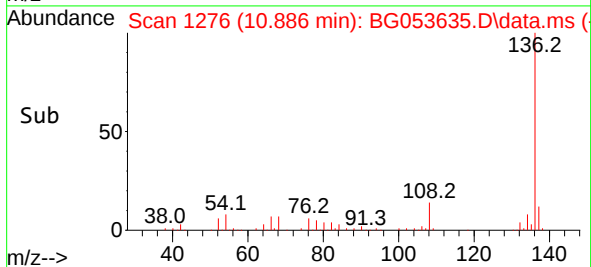
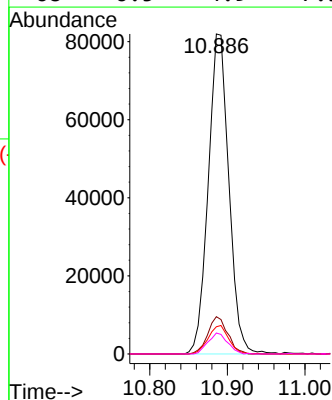
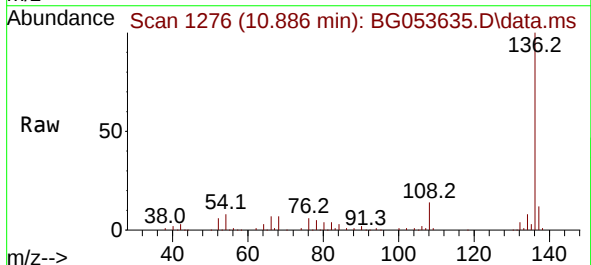
Instrument :  
BNA\_G  
ClientSampleId :  
P017-SS003-0006-01

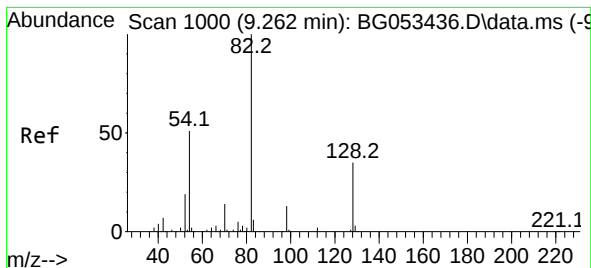
Tgt Ion: 99 Resp: 25367  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.0 25.6  
71 40.5 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.886 min Scan# 1276  
Delta R.T. 0.003 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

Tgt Ion: 136 Resp: 151317  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.5 12.7  
54 8.5 7.4 11.2  
68 6.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 4.837 ng

RT: 9.241 min Scan# 996

Delta R.T. 0.003 min

Lab File: BG053635.D

Acq: 19 May 2022 20:51

Instrument :

BNA\_G

ClientSampleId :

P017-SS003-0006-01

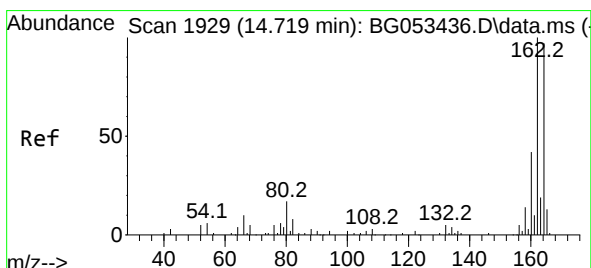
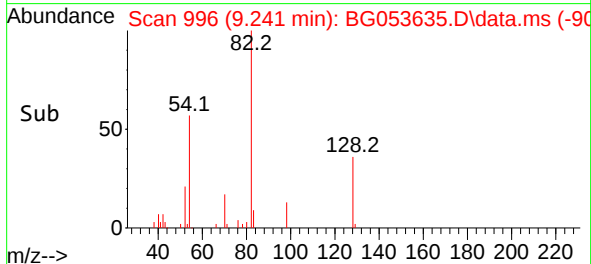
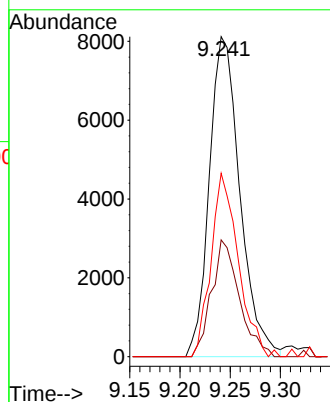
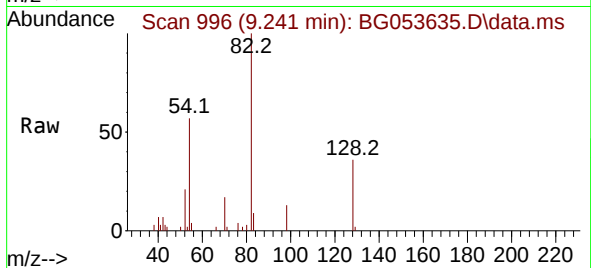
Tgt Ion: 82 Resp: 17193

Ion Ratio Lower Upper

82 100

128 36.5 27.9 41.9

54 57.3 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1926

Delta R.T. 0.003 min

Lab File: BG053635.D

Acq: 19 May 2022 20:51

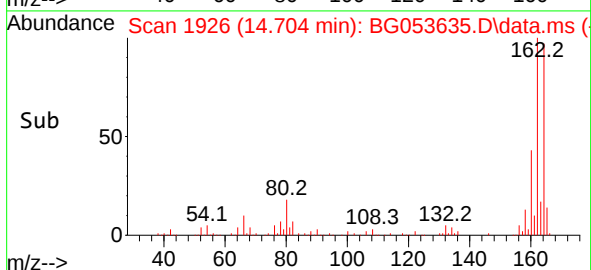
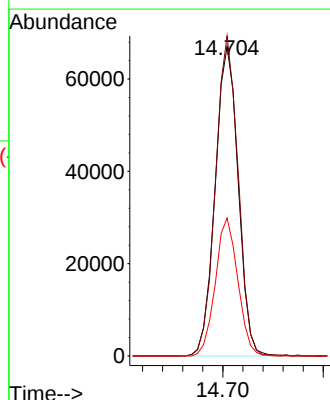
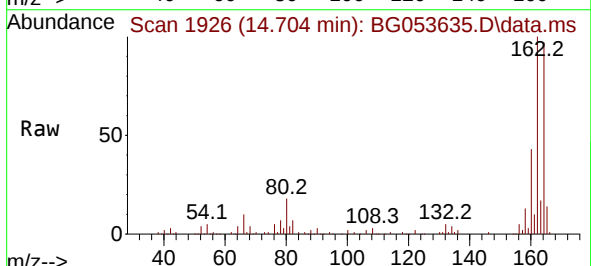
Tgt Ion: 164 Resp: 106562

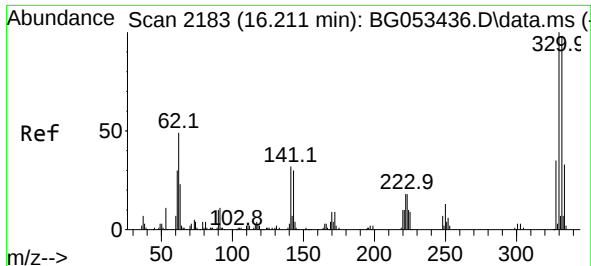
Ion Ratio Lower Upper

164 100

162 103.4 82.3 123.5

160 44.6 34.2 51.2

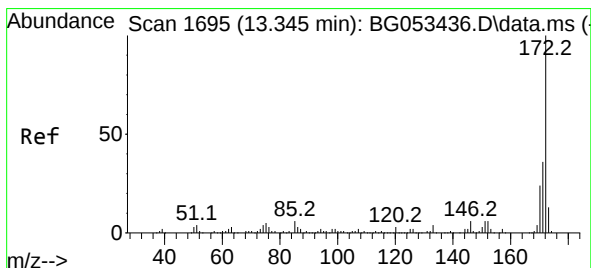
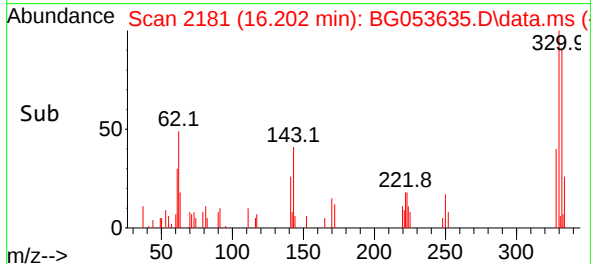
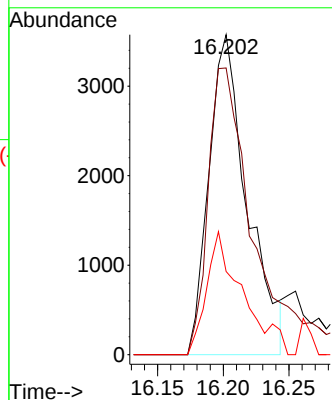
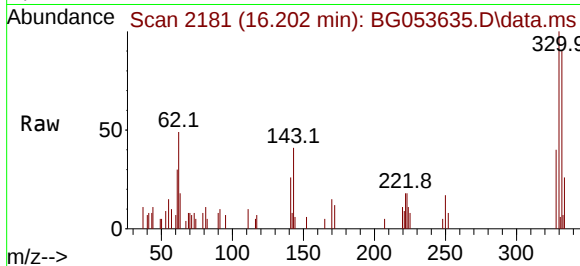




#42  
2,4,6-Tribromophenol  
Concen: 4.613 ng  
RT: 16.202 min Scan# 2183  
Delta R.T. 0.009 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

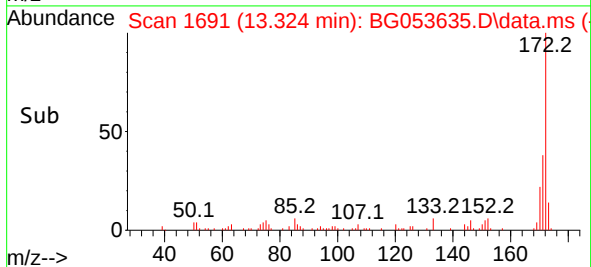
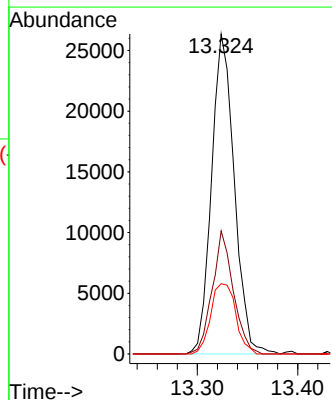
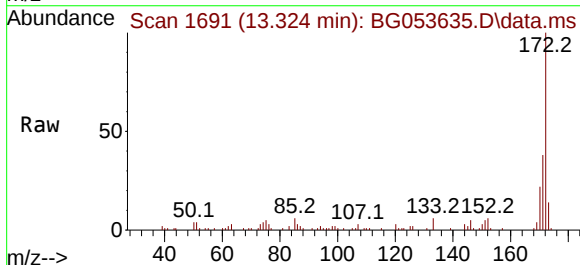
Instrument :  
BNA\_G  
ClientSampleId :  
P017-SS003-0006-01

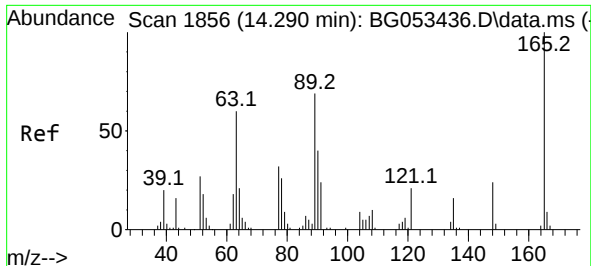
Tgt Ion:330 Resp: 7250  
Ion Ratio Lower Upper  
330 100  
332 107.1 76.0 114.0  
141 36.1 27.1 40.7



#45  
2-Fluorobiphenyl  
Concen: 5.697 ng  
RT: 13.324 min Scan# 1691  
Delta R.T. -0.003 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

Tgt Ion:172 Resp: 41542  
Ion Ratio Lower Upper  
172 100  
171 38.4 28.5 42.7  
170 21.9 18.9 28.3

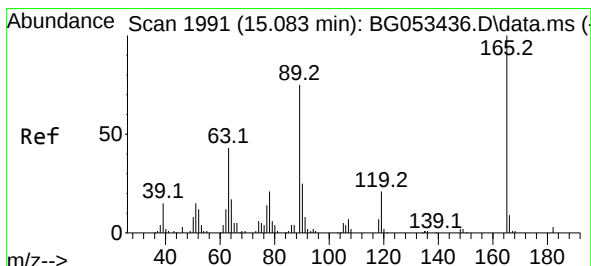
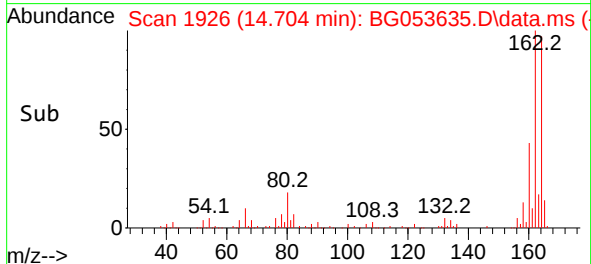
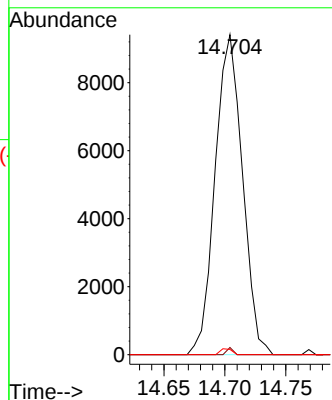
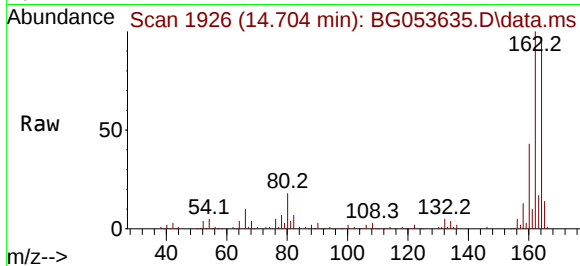




#51  
2,6-Dinitrotoluene  
Concen: 8.907 ng  
RT: 14.704 min Scan# 1926  
Delta R.T. 0.432 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

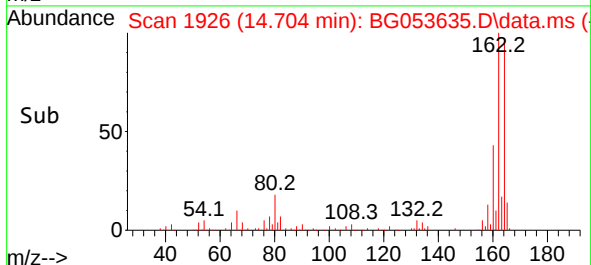
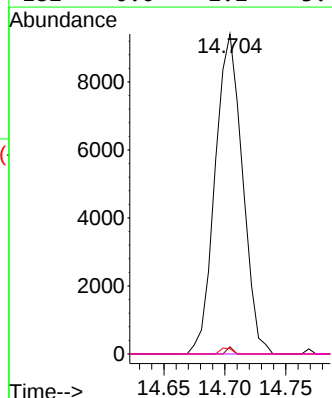
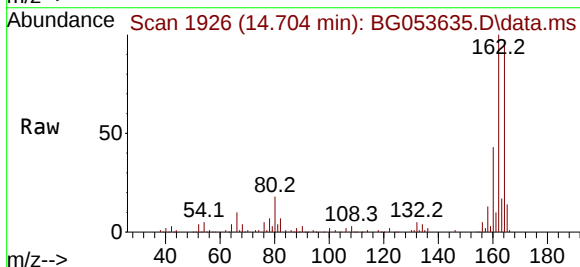
Instrument :  
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ClientSampleId :  
P017-SS003-0006-01

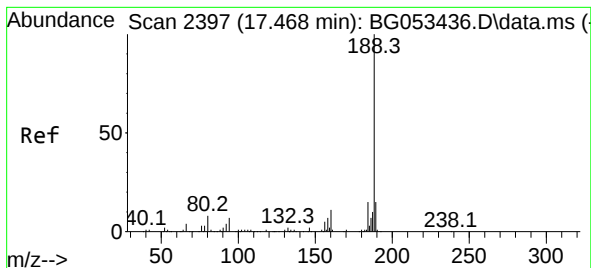
Tgt Ion:165 Resp: 14695  
Ion Ratio Lower Upper  
165 100  
63 2.3 54.1 81.1#  
89 1.6 54.8 82.2#



#57  
2,4-Dinitrotoluene  
Concen: 6.145 ng  
RT: 14.704 min Scan# 1926  
Delta R.T. -0.361 min  
Lab File: BG053635.D  
Acq: 19 May 2022 20:51

Tgt Ion:165 Resp: 14695  
Ion Ratio Lower Upper  
165 100  
63 2.3 34.6 52.0#  
89 1.6 60.3 90.5#  
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.448 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053635.D

Acq: 19 May 2022 20:51

Instrument :

BNA\_G

ClientSampleId :

P017-SS003-0006-01

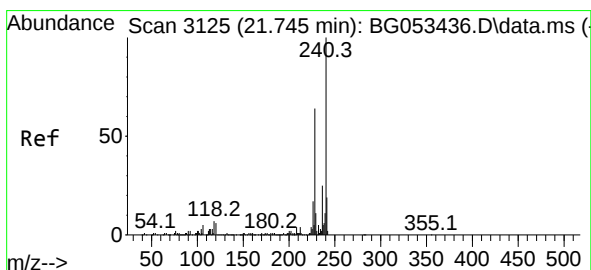
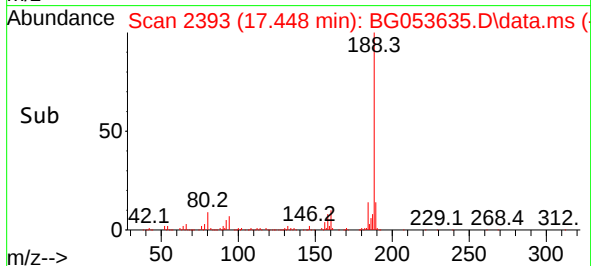
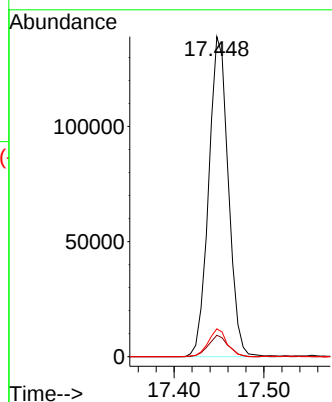
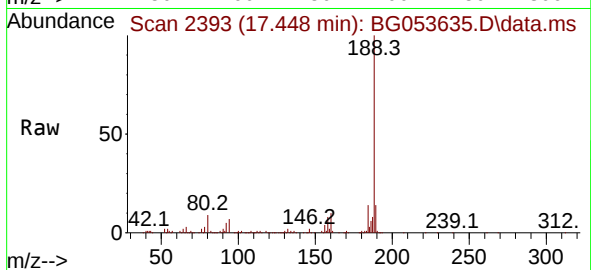
Tgt Ion:188 Resp: 211085

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

80 8.7 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.730 min Scan# 3122

Delta R.T. -0.003 min

Lab File: BG053635.D

Acq: 19 May 2022 20:51

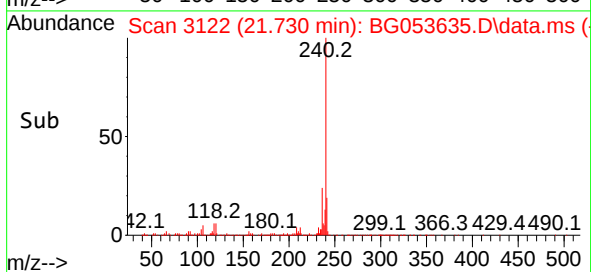
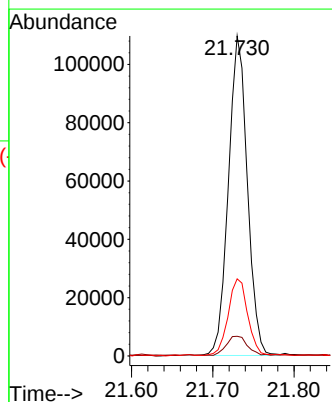
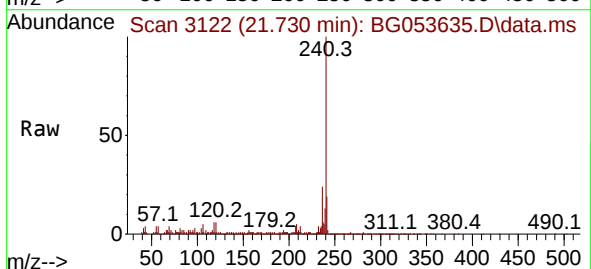
Tgt Ion:240 Resp: 177256

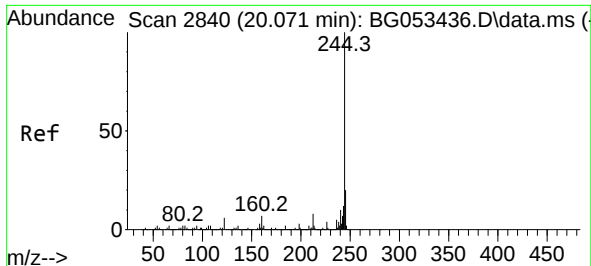
Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

236 24.1 20.2 30.4

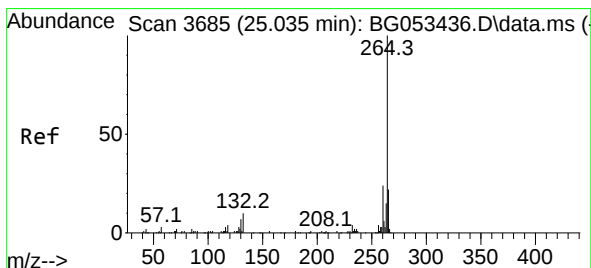
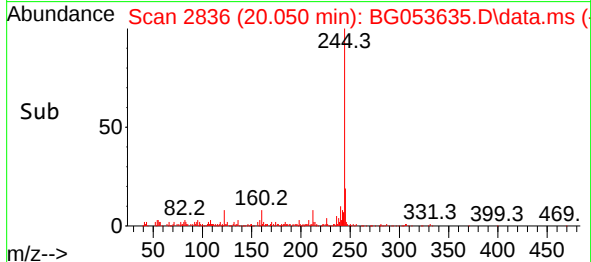
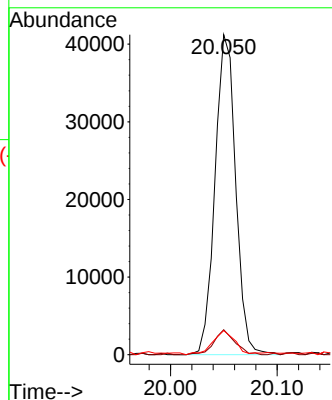
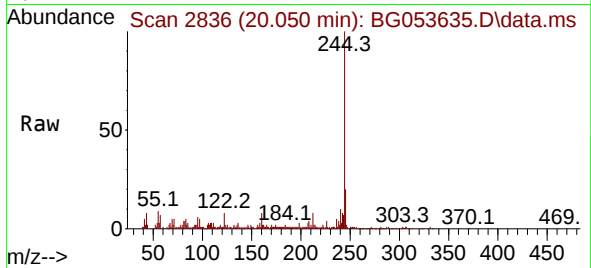




#79  
 Terphenyl-d14  
 Concen: 5.821 ng  
 RT: 20.050 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG053635.D  
 Acq: 19 May 2022 20:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P017-SS003-0006-01

Tgt Ion:244 Resp: 55397  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.5 9.7  
 122 7.6 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.014 min Scan# 3681  
 Delta R.T. 0.009 min  
 Lab File: BG053635.D  
 Acq: 19 May 2022 20:51

Tgt Ion:264 Resp: 185661  
 Ion Ratio Lower Upper  
 264 100  
 260 21.8 19.0 28.6  
 265 22.9 17.4 26.2

