

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081422\  
 Data File : BG054636.D  
 Acq On : 14 Aug 2022 17:20  
 Operator : CG/JU  
 Sample : N4146-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-E1(0-4)

Quant Time: Aug 15 04:20:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 13 00:32:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.964  | 152  | 21832    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.772 | 136  | 86935    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.603 | 164  | 68168    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.353 | 188  | 174413   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.618 | 240  | 196235   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.821 | 264  | 201771   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.555  | 112  | 150029   | 143.479 | ng    | 0.00     |
| 7) Phenol-d6                | 7.171  | 99   | 198145   | 138.292 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.133  | 82   | 131734   | 82.520  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.101 | 330  | 155759   | 108.825 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.222 | 172  | 371897   | 76.962  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.962 | 244  | 797911   | 80.663  | ng    | 0.00     |

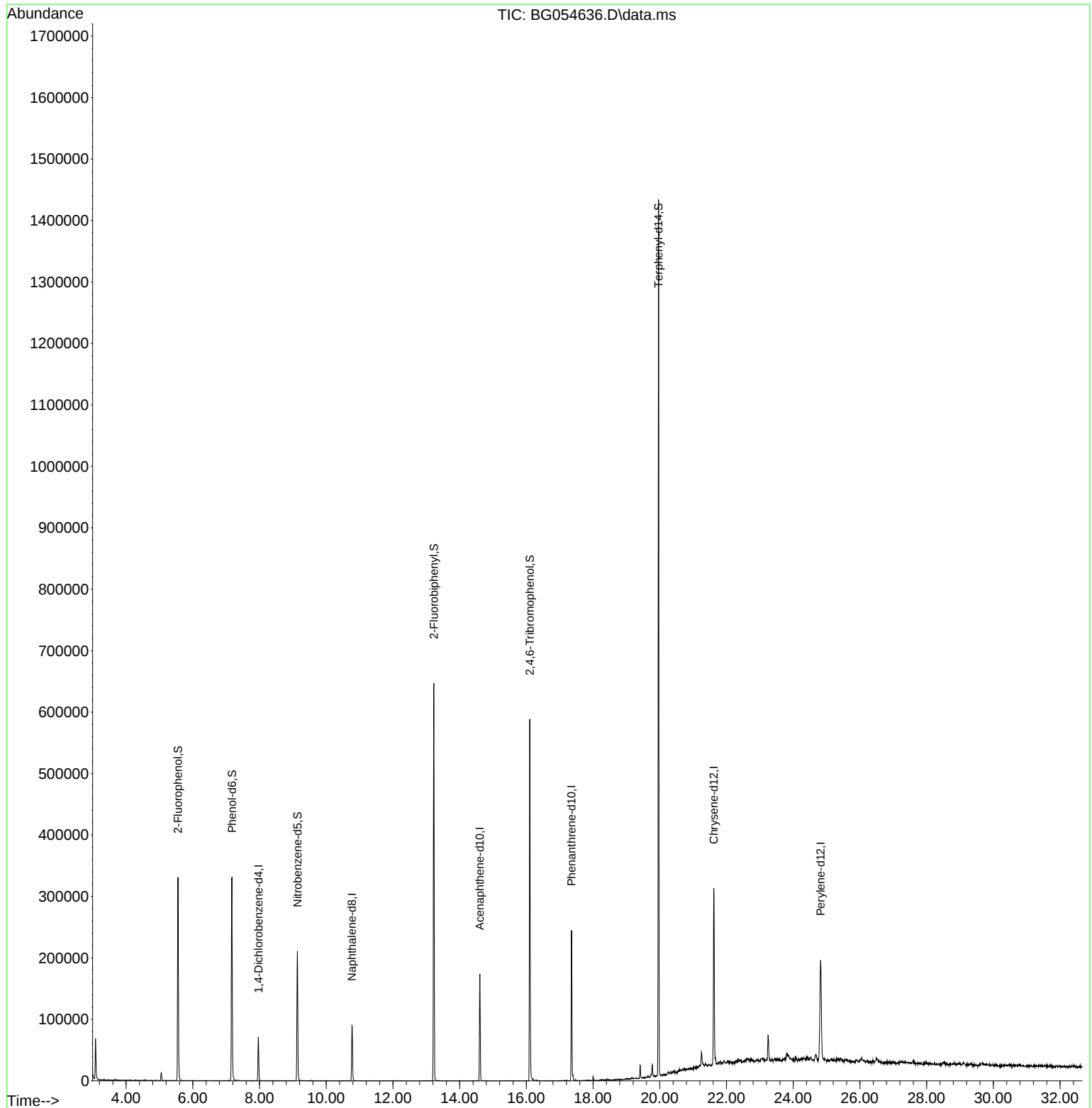
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

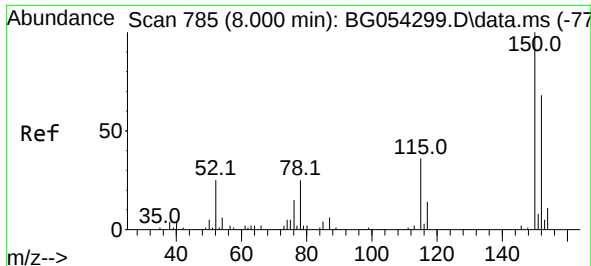
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081422\  
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Sample : N4146-01  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-E1(0-4)

Quant Time: Aug 15 04:20:32 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 13 00:32:40 2022  
Response via : Initial Calibration

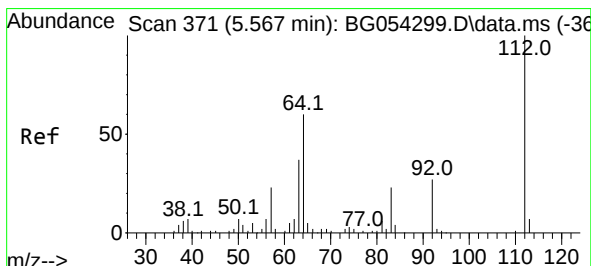
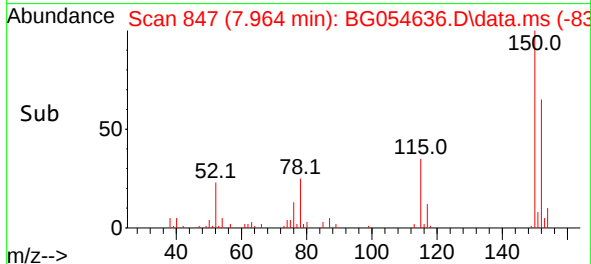
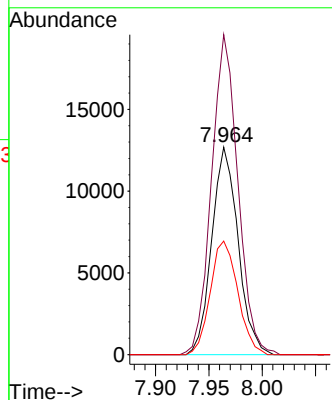
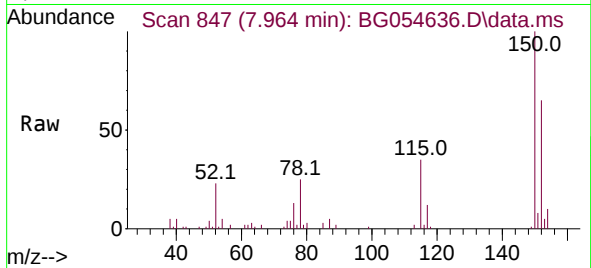




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.964 min Scan# 84  
 Delta R.T. -0.004 min  
 Lab File: BG054636.D  
 Acq: 14 Aug 2022 17:20

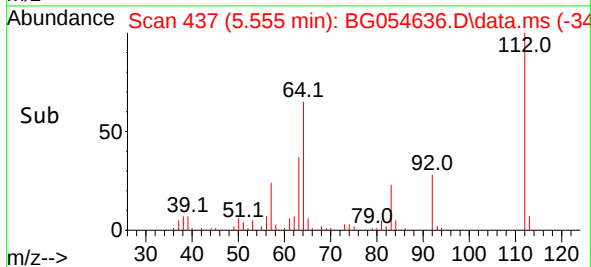
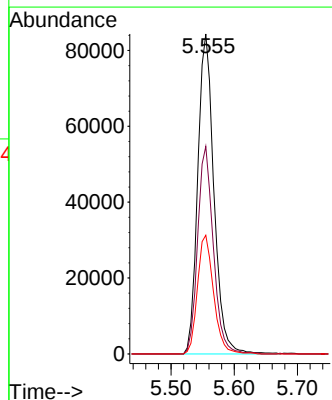
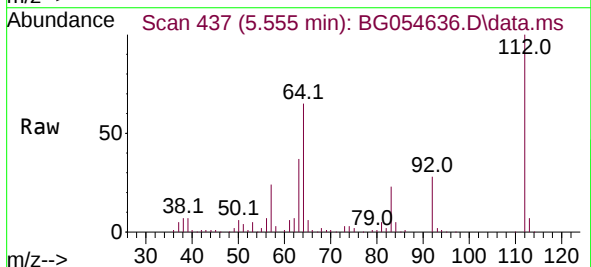
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-E1(0-4)

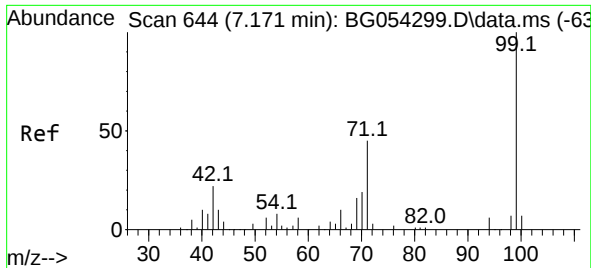
Tgt Ion:152 Resp: 21832  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 131.6 197.4  
 115 54.7 50.9 76.3



#5  
 2-Fluorophenol  
 Concen: 143.479 ng  
 RT: 5.555 min Scan# 437  
 Delta R.T. 0.002 min  
 Lab File: BG054636.D  
 Acq: 14 Aug 2022 17:20

Tgt Ion:112 Resp: 150029  
 Ion Ratio Lower Upper  
 112 100  
 64 64.8 55.1 82.7  
 63 37.1 30.4 45.6

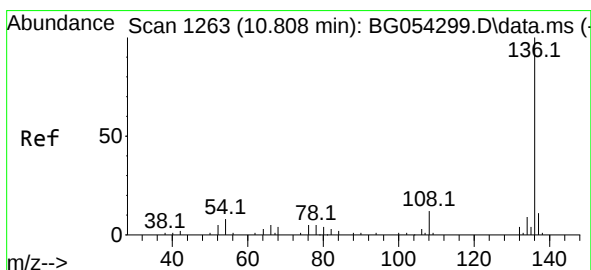
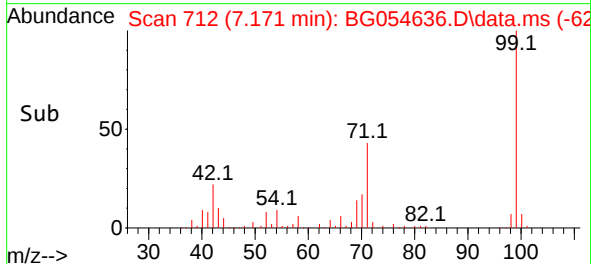
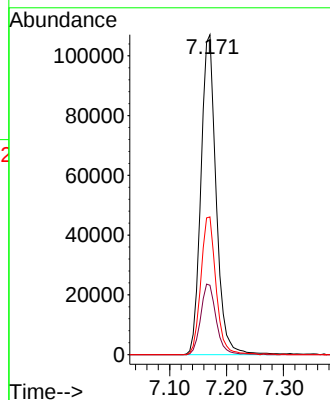
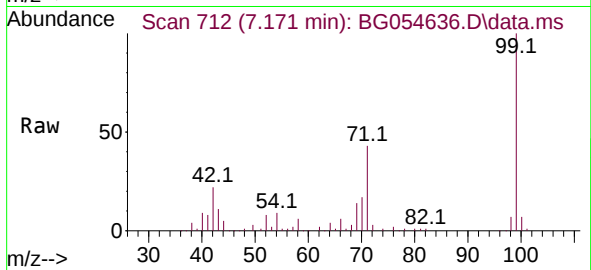




#7  
Phenol-d6  
Concen: 138.292 ng  
RT: 7.171 min Scan# 71  
Delta R.T. 0.002 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

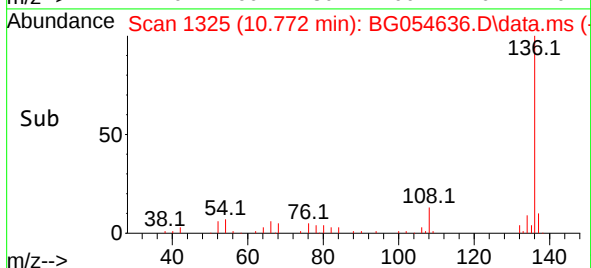
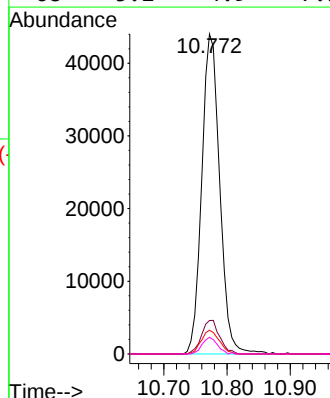
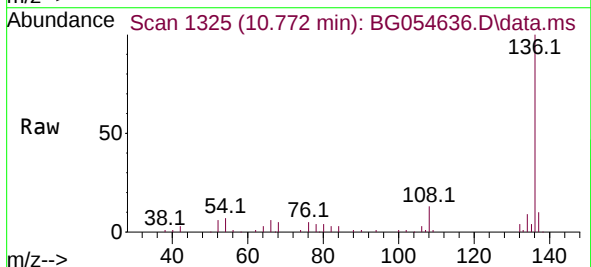
Instrument :  
BNA\_G  
ClientSampleId :  
WC-E1(0-4)

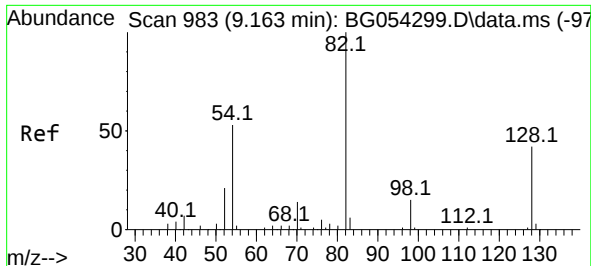
Tgt Ion: 99 Resp: 198145  
Ion Ratio Lower Upper  
99 100  
42 21.7 17.0 25.6  
71 43.0 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.772 min Scan# 1325  
Delta R.T. -0.004 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

Tgt Ion: 136 Resp: 86935  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 7.4 7.4 11.2#  
68 5.2 4.9 7.3

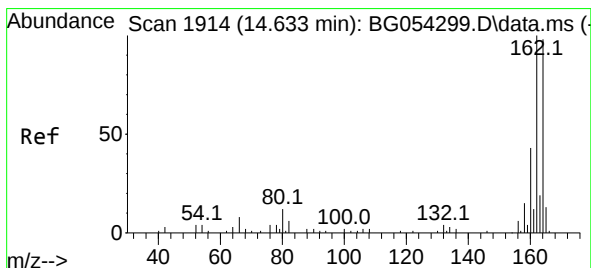
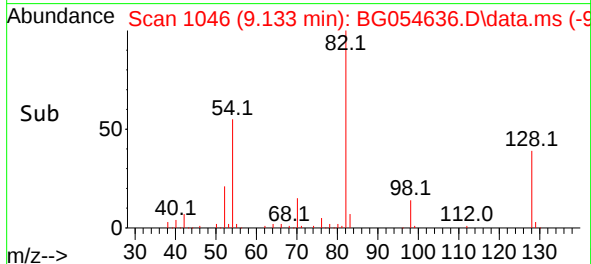
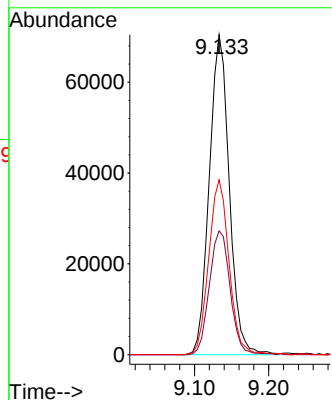
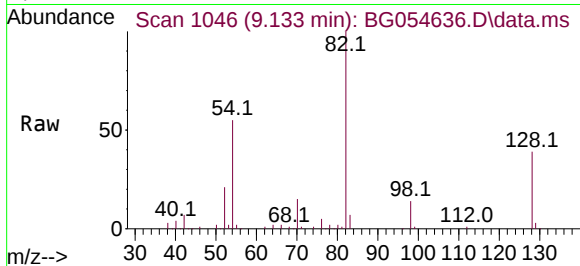




#23  
Nitrobenzene-d5  
Concen: 82.520 ng  
RT: 9.133 min Scan# 10  
Delta R.T. -0.004 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

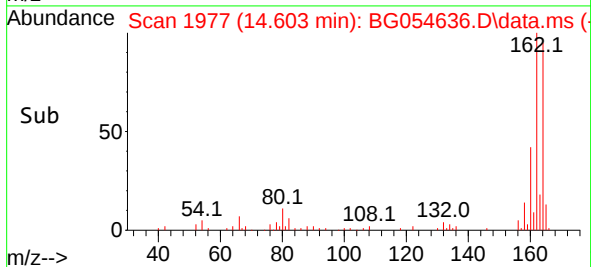
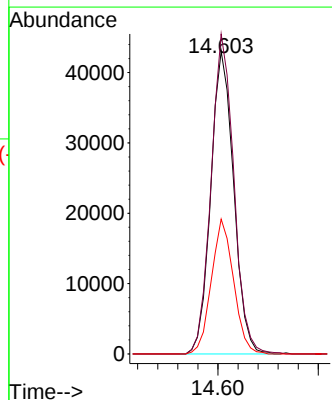
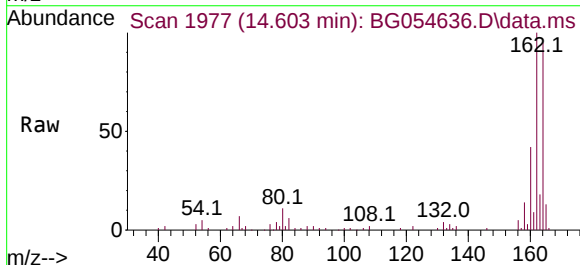
Instrument :  
BNA\_G  
ClientSampleId :  
WC-E1(0-4)

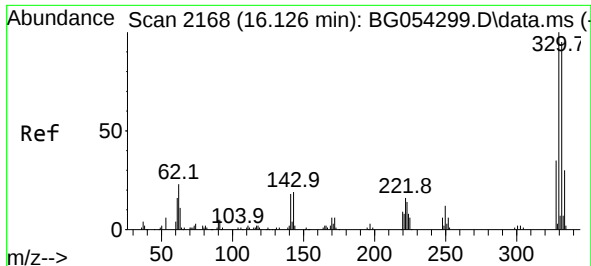
Tgt Ion: 82 Resp: 131734  
Ion Ratio Lower Upper  
82 100  
128 38.7 27.9 41.9  
54 54.6 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.603 min Scan# 1977  
Delta R.T. -0.004 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

Tgt Ion:164 Resp: 68168  
Ion Ratio Lower Upper  
164 100  
162 105.7 82.3 123.5  
160 44.5 34.2 51.2

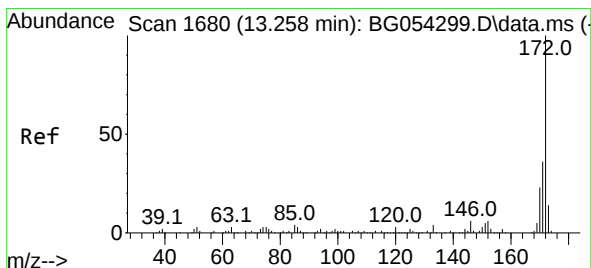
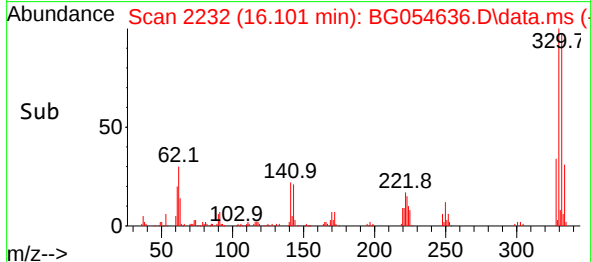
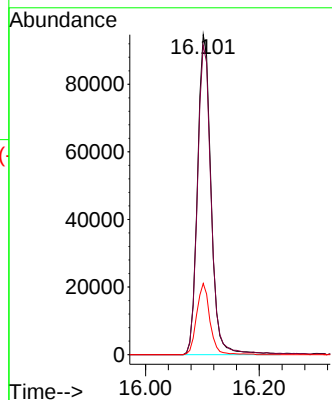
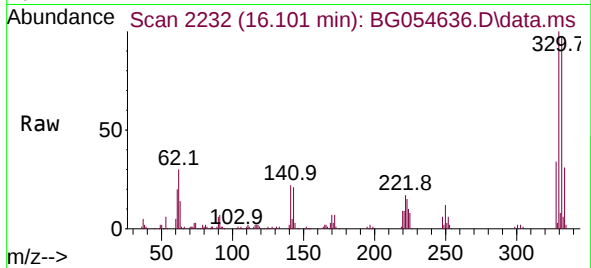




#42  
2,4,6-Tribromophenol  
Concen: 108.825 ng  
RT: 16.101 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

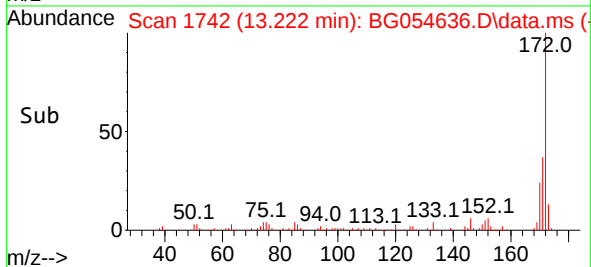
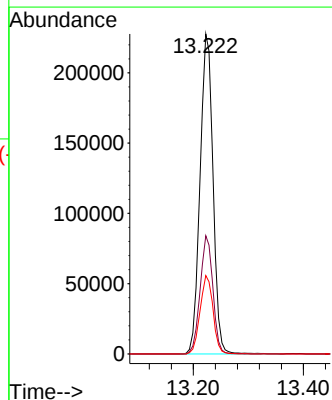
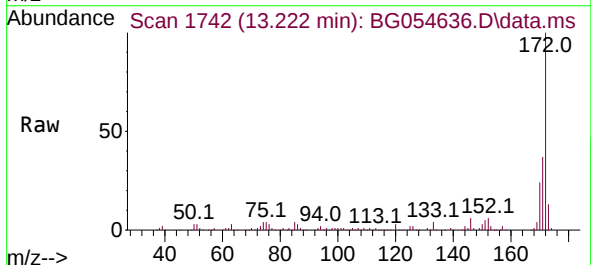
Instrument :  
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WC-E1(0-4)

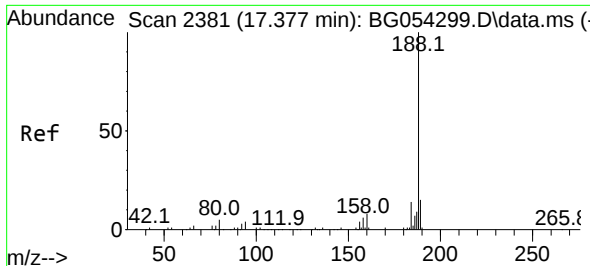
Tgt Ion:330 Resp: 155759  
Ion Ratio Lower Upper  
330 100  
332 97.9 76.0 114.0  
141 21.6 27.1 40.7#



#45  
2-Fluorobiphenyl  
Concen: 76.962 ng  
RT: 13.222 min Scan# 1742  
Delta R.T. -0.004 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

Tgt Ion:172 Resp: 371897  
Ion Ratio Lower Upper  
172 100  
171 36.9 28.5 42.7  
170 24.5 18.9 28.3

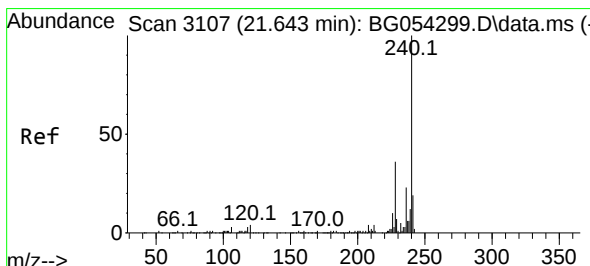
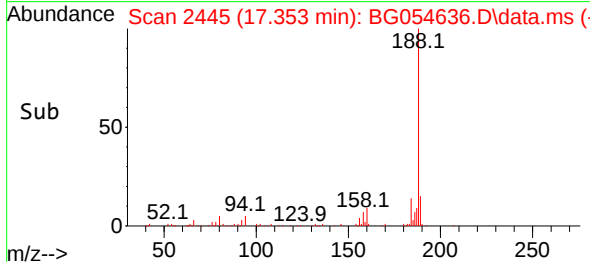
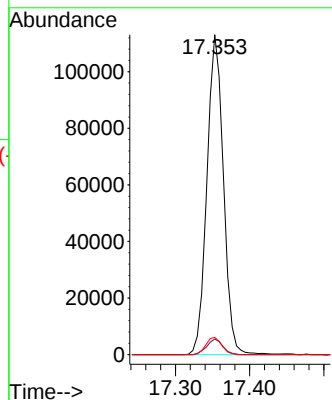
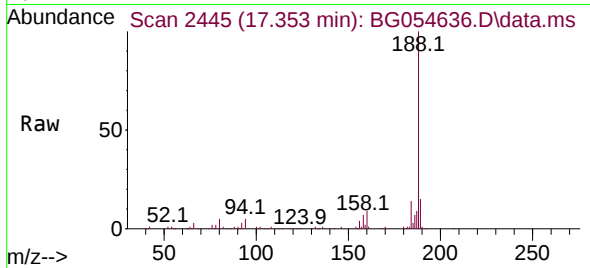




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.353 min Scan# 2445  
Delta R.T. -0.004 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

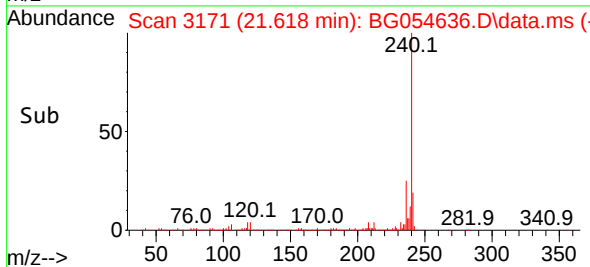
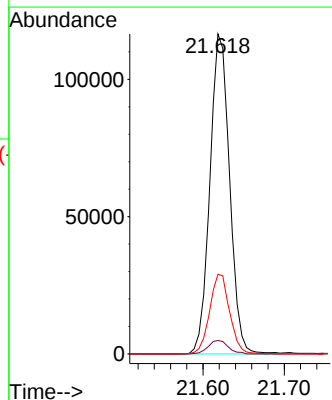
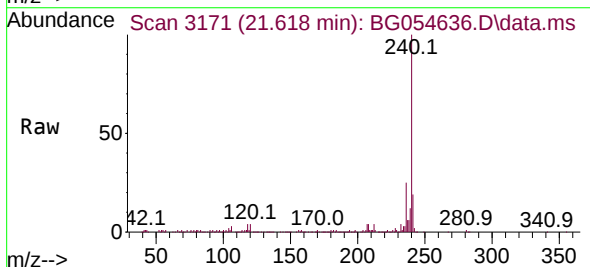
Instrument :  
BNA\_G  
ClientSampleId :  
WC-E1(0-4)

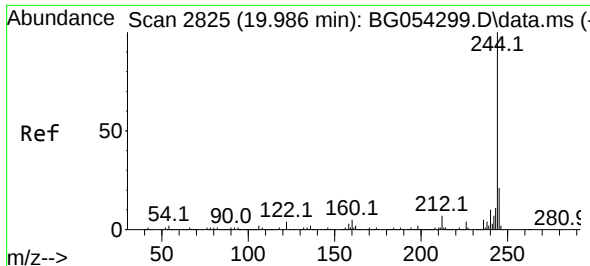
Tgt Ion:188 Resp: 174413  
Ion Ratio Lower Upper  
188 100  
94 4.9 5.4 8.0#  
80 5.4 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.618 min Scan# 3171  
Delta R.T. -0.010 min  
Lab File: BG054636.D  
Acq: 14 Aug 2022 17:20

Tgt Ion:240 Resp: 196235  
Ion Ratio Lower Upper  
240 100  
120 4.2 4.6 7.0#  
236 24.9 20.2 30.4

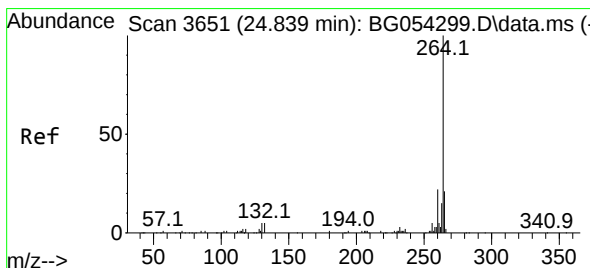
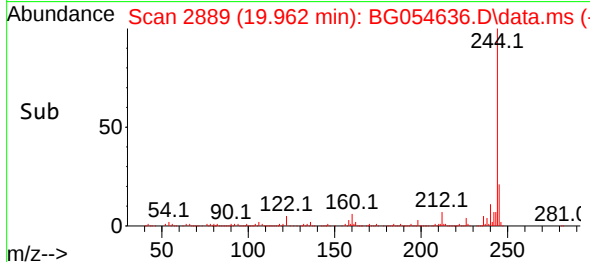
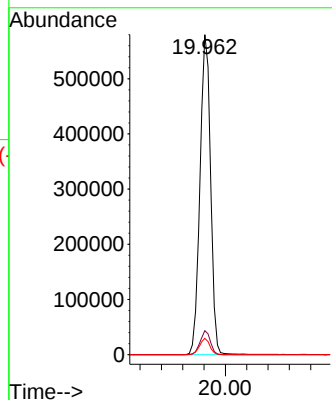
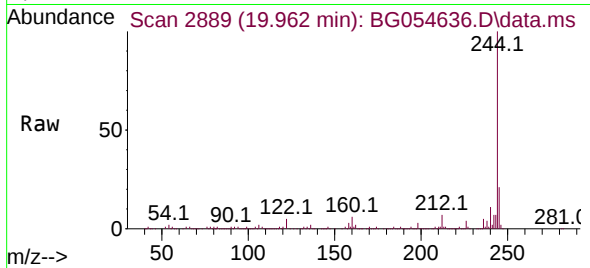




#79  
 Terphenyl-d14  
 Concen: 80.663 ng  
 RT: 19.962 min Scan# 2825  
 Delta R.T. -0.004 min  
 Lab File: BG054636.D  
 Acq: 14 Aug 2022 17:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-E1(0-4)

Tgt Ion:244 Resp: 797911  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.5 9.7  
 122 5.1 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.821 min Scan# 3716  
 Delta R.T. -0.004 min  
 Lab File: BG054636.D  
 Acq: 14 Aug 2022 17:20

Tgt Ion:264 Resp: 201771  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.0 28.6  
 265 22.5 17.4 26.2

