

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG093022\  
 Data File : BG055040.D  
 Acq On : 30 Sep 2022 14:20  
 Operator : CG/JU  
 Sample : PB148010BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148010BL

Quant Time: Oct 01 02:12:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 15:43:39 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.343  | 152  | 32620    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.175 | 136  | 130012   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.953 | 164  | 87655    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.685 | 188  | 226822   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.980 | 240  | 269921   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 25.441 | 264  | 277460   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.864  | 112  | 264144   | 155.228 | ng    | 0.00     |
| 7) Phenol-d6                | 7.468  | 99   | 337857   | 149.643 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.512  | 82   | 187219   | 92.914  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.428 | 330  | 132840   | 133.558 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.584 | 172  | 514710   | 92.431  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.264 | 244  | 1229700  | 94.999  | ng    | 0.00     |

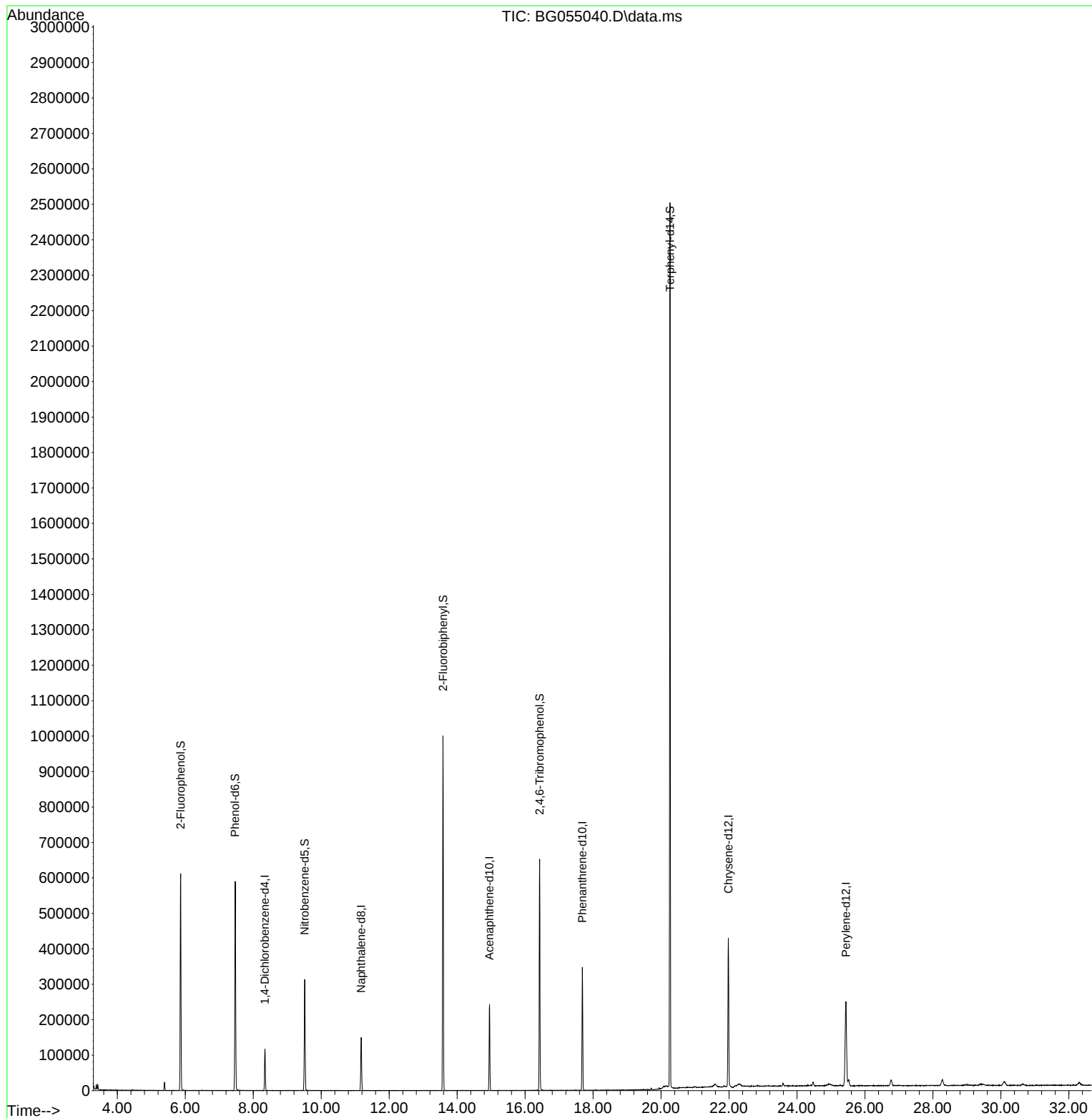
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

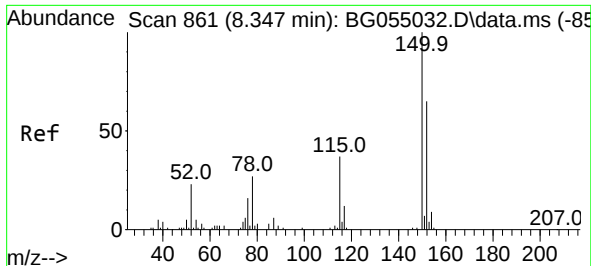
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Oct 01 02:12:05 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 28 15:43:39 2022  
Response via : Initial Calibration

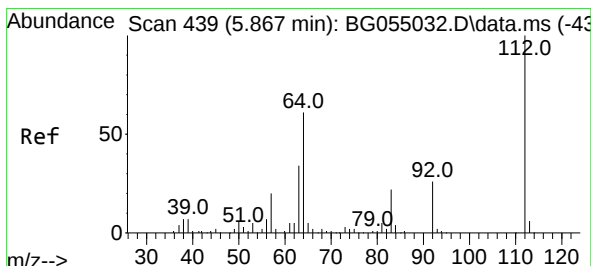
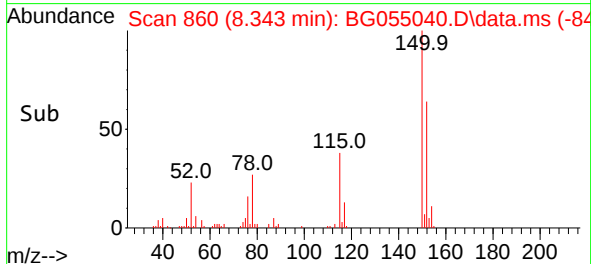
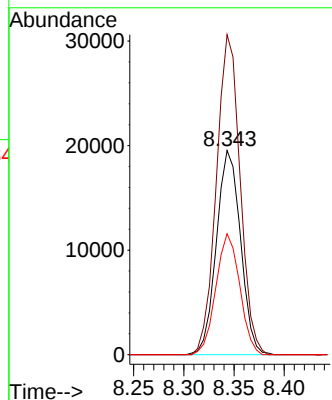
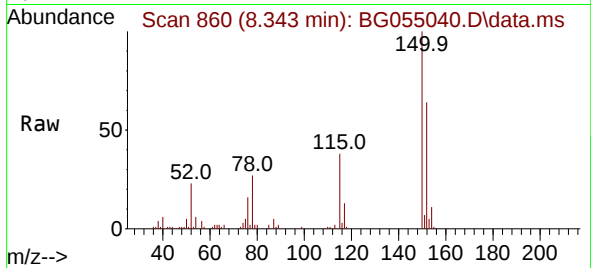




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.343 min Scan# 80  
Delta R.T. -0.004 min  
Lab File: BG055040.D  
Acq: 30 Sep 2022 14:20

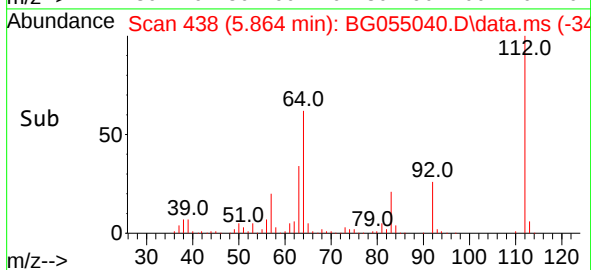
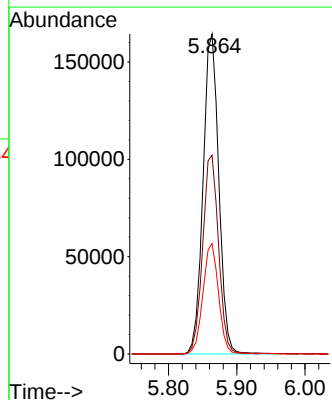
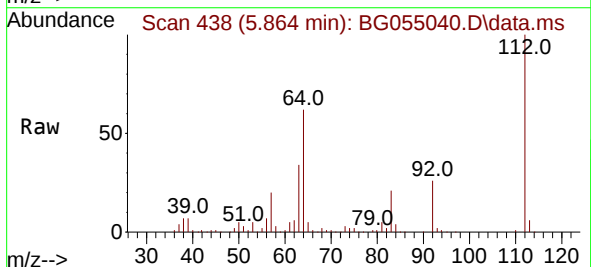
Instrument :  
BNA\_G  
ClientSampleId :  
PB148010BL

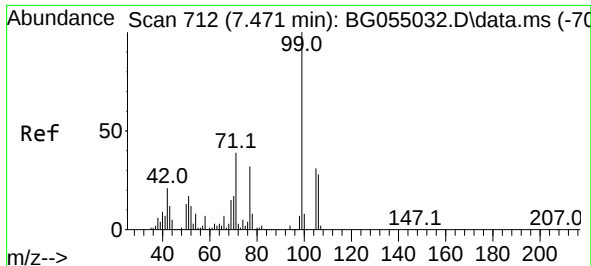
Tgt Ion:152 Resp: 32620  
Ion Ratio Lower Upper  
152 100  
150 156.7 125.2 187.8  
115 59.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 155.228 ng  
RT: 5.864 min Scan# 438  
Delta R.T. -0.004 min  
Lab File: BG055040.D  
Acq: 30 Sep 2022 14:20

Tgt Ion:112 Resp: 264144  
Ion Ratio Lower Upper  
112 100  
64 62.1 49.3 73.9  
63 34.5 26.3 39.5

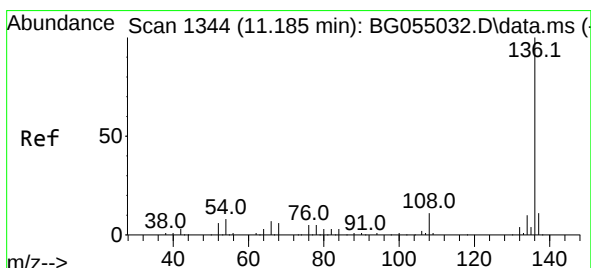
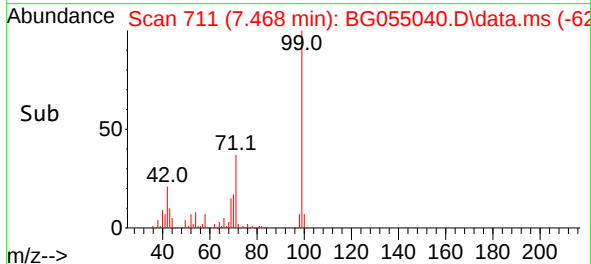
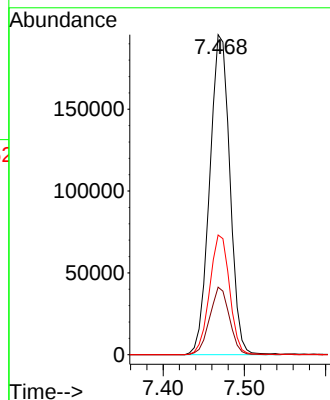
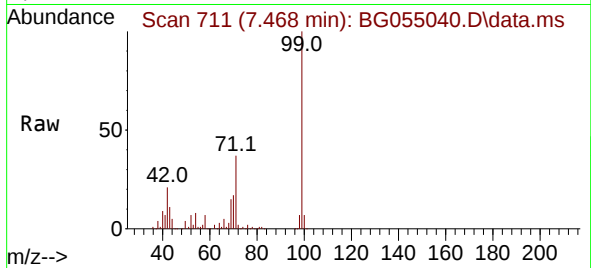




#7  
Phenol-d6  
Concen: 149.643 ng  
RT: 7.468 min Scan# 71  
Delta R.T. -0.004 min  
Lab File: BG055040.D  
Acq: 30 Sep 2022 14:20

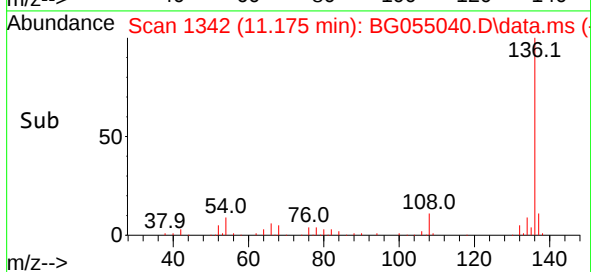
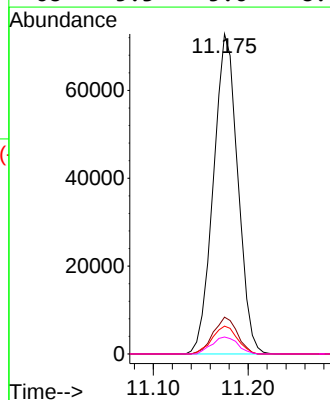
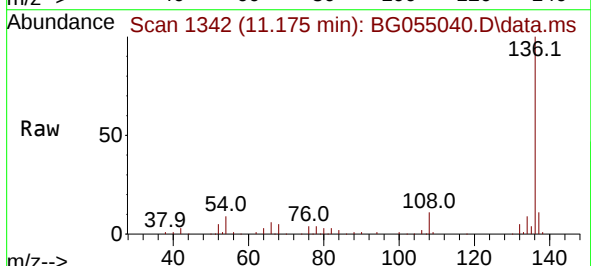
Instrument :  
BNA\_G  
ClientSampleId :  
PB148010BL

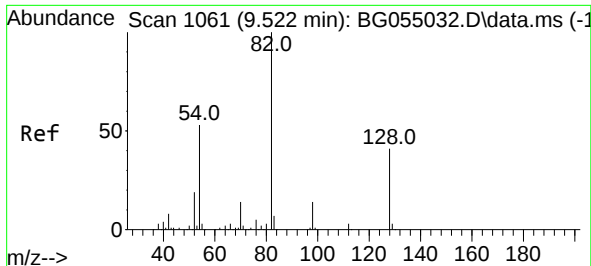
Tgt Ion: 99 Resp: 337857  
Ion Ratio Lower Upper  
99 100  
42 21.1 14.6 22.0  
71 37.4 24.6 37.0#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.175 min Scan# 1342  
Delta R.T. -0.010 min  
Lab File: BG055040.D  
Acq: 30 Sep 2022 14:20

Tgt Ion: 136 Resp: 130012  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.2 13.8  
54 8.7 7.7 11.5  
68 5.3 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 92.914 ng

RT: 9.512 min Scan# 1059

Delta R.T. -0.010 min

Lab File: BG055040.D

Acq: 30 Sep 2022 14:20

Instrument :

BNA\_G

ClientSampleId :

PB148010BL

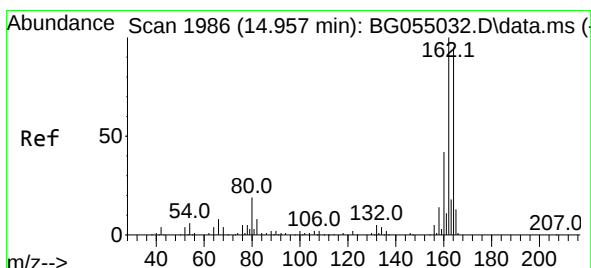
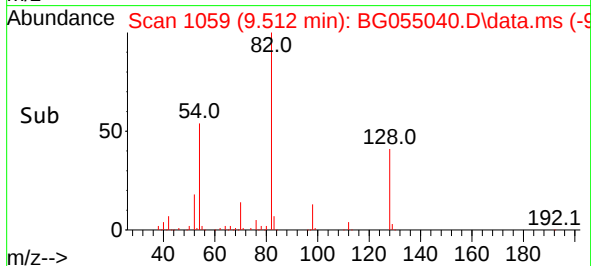
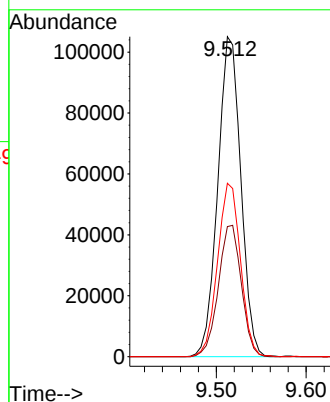
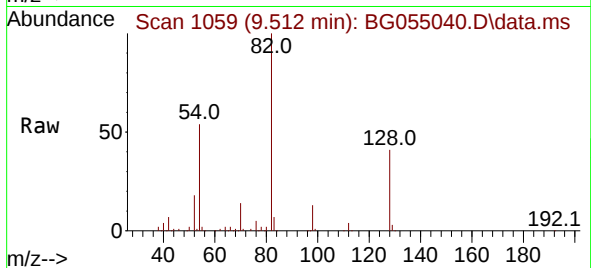
Tgt Ion: 82 Resp: 187219

Ion Ratio Lower Upper

82 100

128 40.7 32.2 48.2

54 54.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.953 min Scan# 1985

Delta R.T. -0.004 min

Lab File: BG055040.D

Acq: 30 Sep 2022 14:20

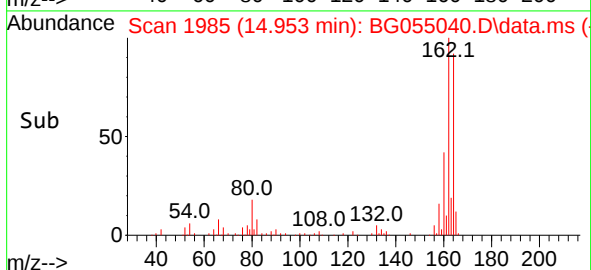
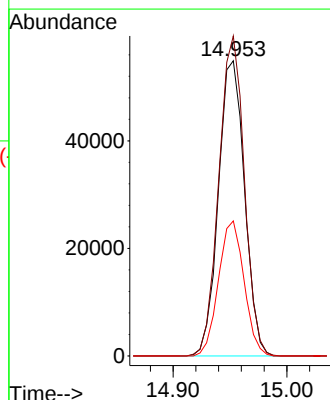
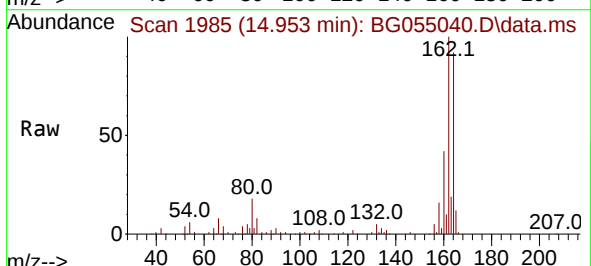
Tgt Ion: 164 Resp: 87655

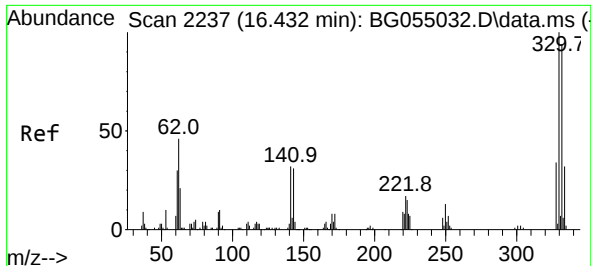
Ion Ratio Lower Upper

164 100

162 108.4 83.0 124.4

160 45.7 38.0 57.0

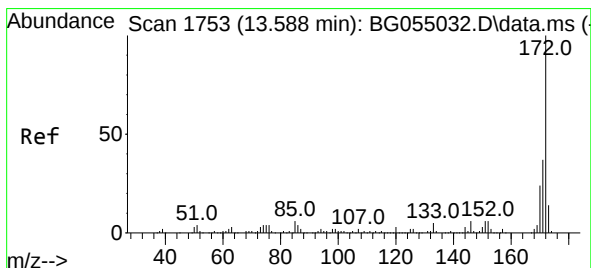
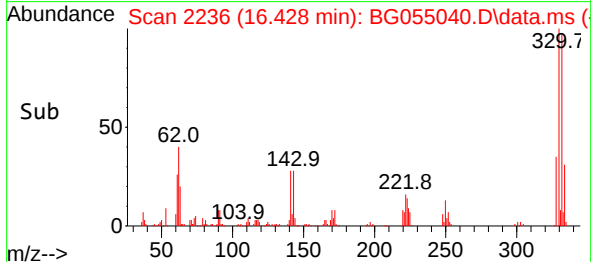
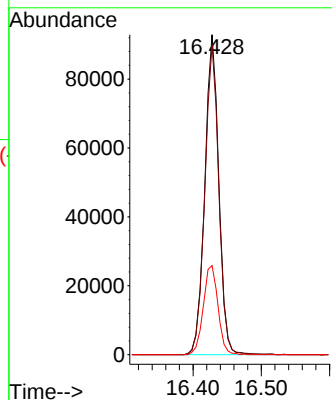
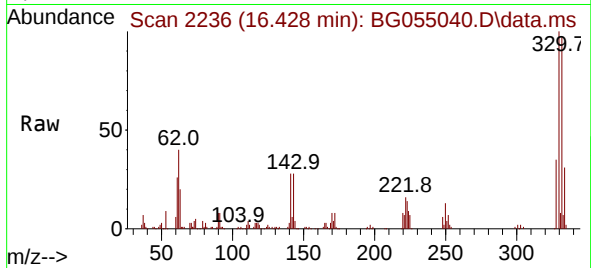




#42  
 2,4,6-Tribromophenol  
 Concen: 133.558 ng  
 RT: 16.428 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG055040.D  
 Acq: 30 Sep 2022 14:20

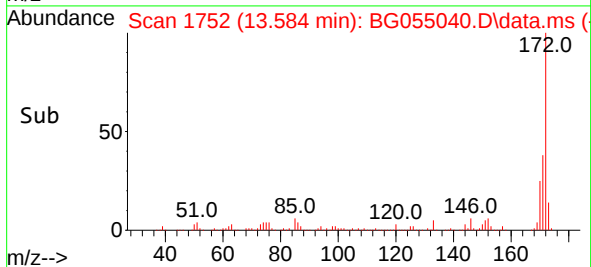
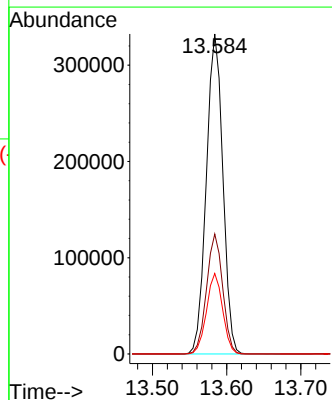
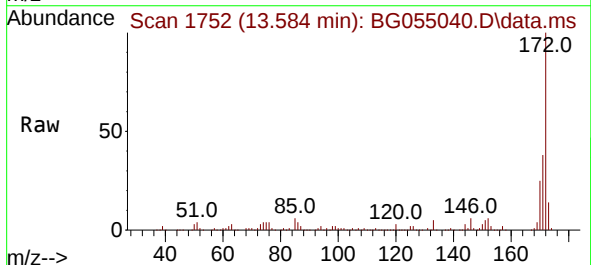
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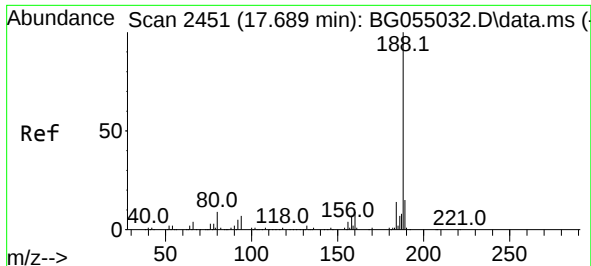
Tgt Ion:330 Resp: 132840  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 79.8 119.6  
 141 29.1 26.8 40.2



#45  
 2-Fluorobiphenyl  
 Concen: 92.431 ng  
 RT: 13.584 min Scan# 1752  
 Delta R.T. -0.004 min  
 Lab File: BG055040.D  
 Acq: 30 Sep 2022 14:20

Tgt Ion:172 Resp: 514710  
 Ion Ratio Lower Upper  
 172 100  
 171 37.5 31.2 46.8  
 170 25.1 20.6 30.8

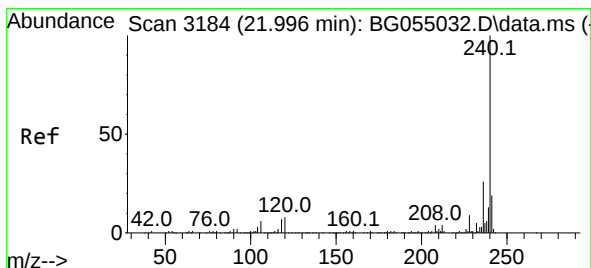
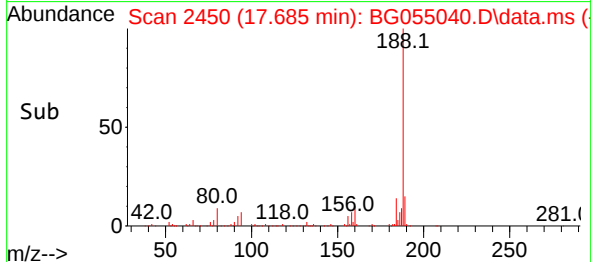
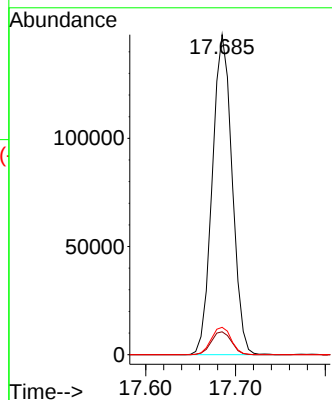
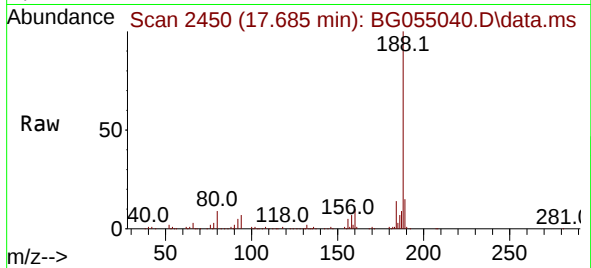




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.685 min Scan# 2451  
Delta R.T. -0.004 min  
Lab File: BG055040.D  
Acq: 30 Sep 2022 14:20

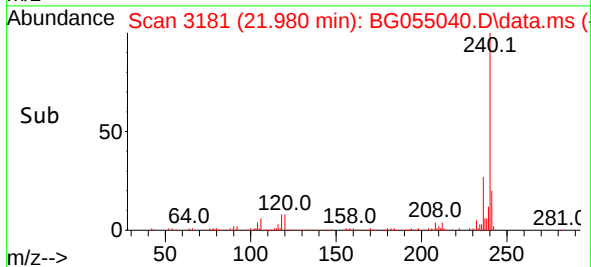
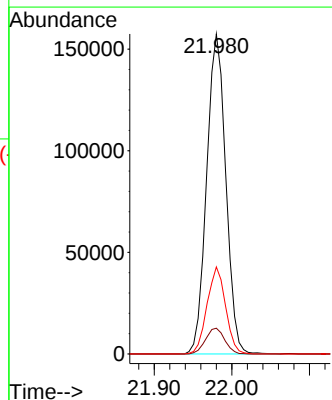
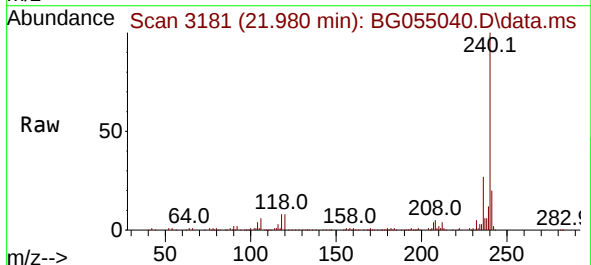
Instrument :  
BNA\_G  
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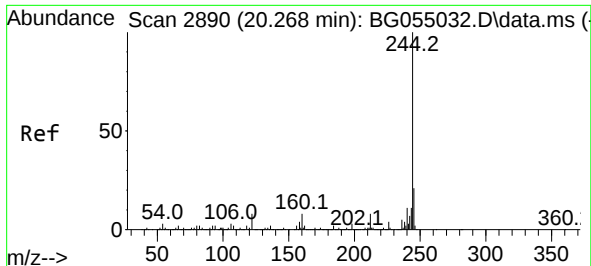
Tgt Ion:188 Resp: 226822  
Ion Ratio Lower Upper  
188 100  
94 7.2 7.0 10.4  
80 8.6 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.980 min Scan# 3181  
Delta R.T. -0.016 min  
Lab File: BG055040.D  
Acq: 30 Sep 2022 14:20

Tgt Ion:240 Resp: 269921  
Ion Ratio Lower Upper  
240 100  
120 8.1 8.2 12.4#  
236 27.2 21.2 31.8

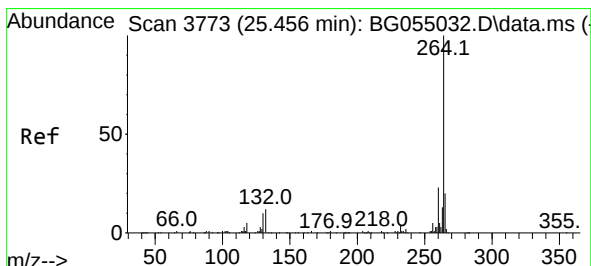
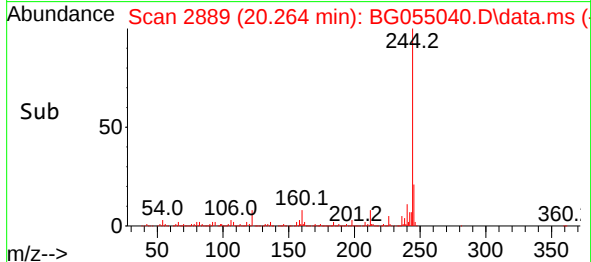
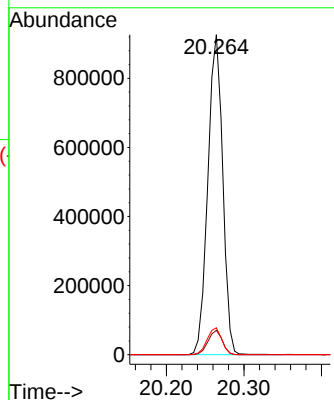
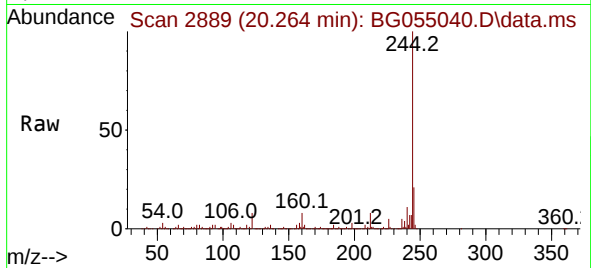




#79  
 Terphenyl-d14  
 Concen: 94.999 ng  
 RT: 20.264 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG055040.D  
 Acq: 30 Sep 2022 14:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148010BL

Tgt Ion:244 Resp: 1229700  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.2  
 122 8.4 9.0 13.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.441 min Scan# 3770  
 Delta R.T. -0.016 min  
 Lab File: BG055040.D  
 Acq: 30 Sep 2022 14:20

Tgt Ion:264 Resp: 277460  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.9 29.9  
 265 21.9 16.9 25.3

