

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090822\  
 Data File : BG054884.D  
 Acq On : 8 Sep 2022 15:03  
 Operator : CG/JU  
 Sample : N4530-14  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-23-COMP

Quant Time: Sep 09 02:49:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 09 02:45:21 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.150  | 152  | 34531    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.976 | 136  | 133709   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.783 | 164  | 95081    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.533 | 188  | 243318   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.828 | 240  | 243310   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.206 | 264  | 258618   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.688  | 112  | 180239   | 90.893  | ng    | 0.00     |
| 7) Phenol-d6                | 7.303  | 99   | 237549   | 87.595  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.325  | 82   | 140969   | 55.347  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.275 | 330  | 129225   | 108.766 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.402 | 172  | 363698   | 57.492  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.130 | 244  | 705338   | 57.439  | ng    | 0.00     |

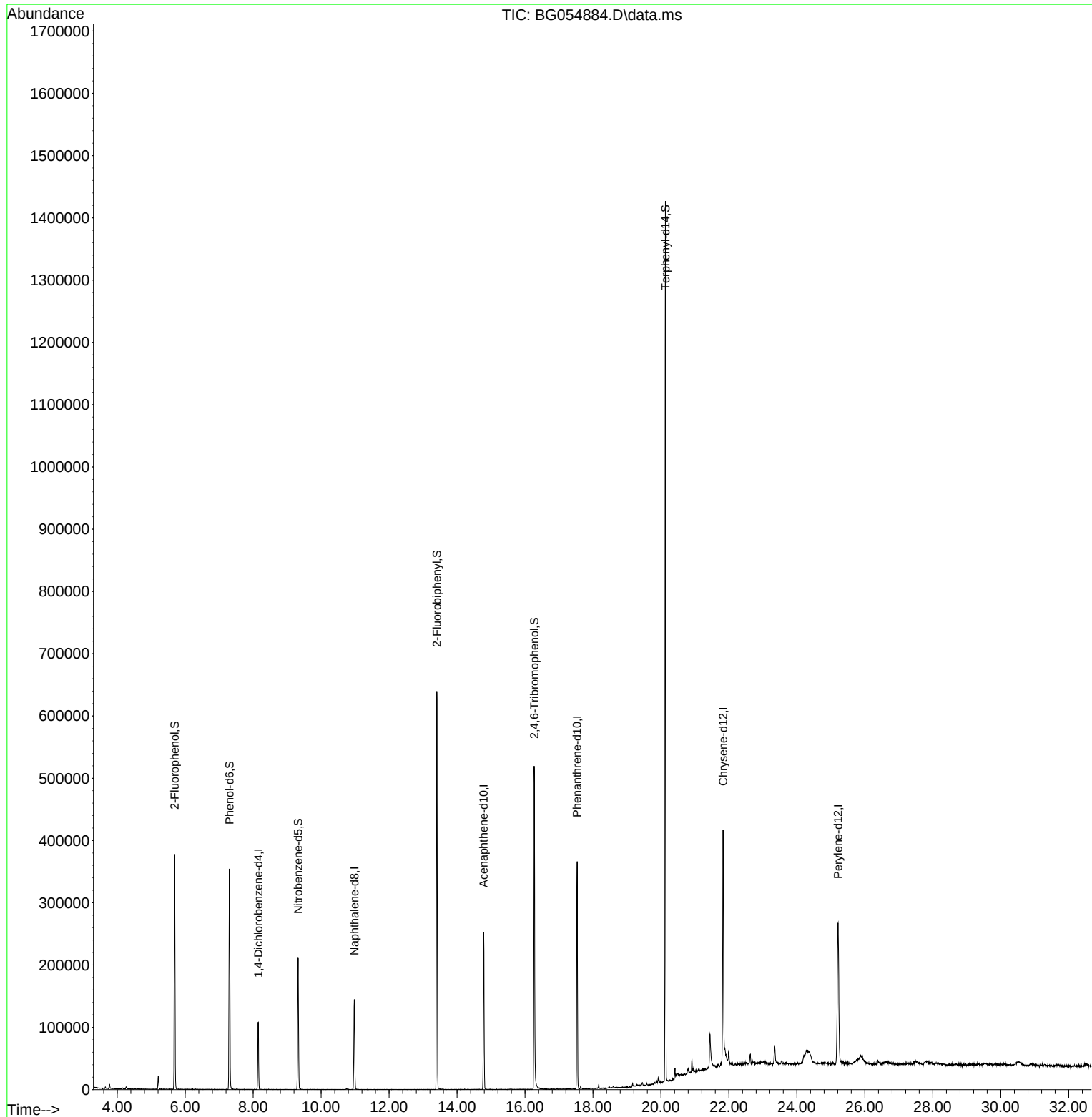
Target Compounds Qvalue

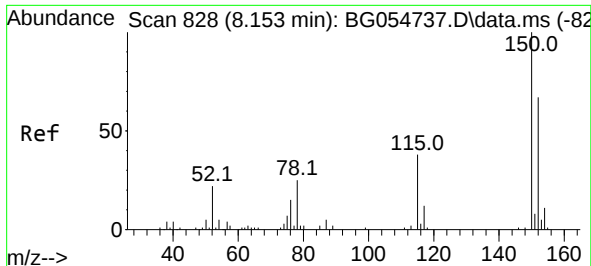
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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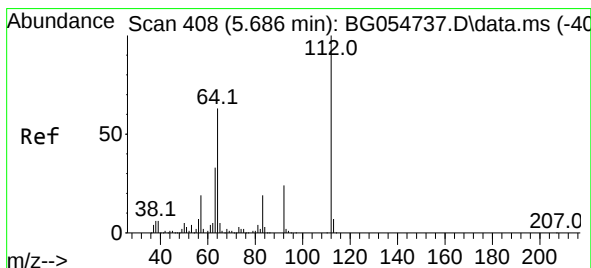
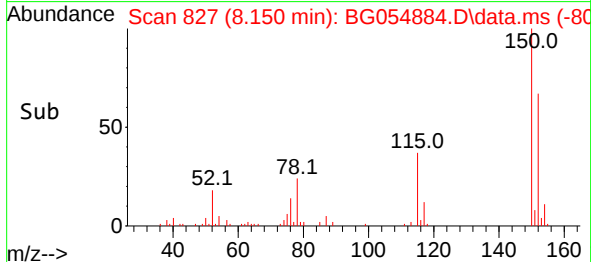
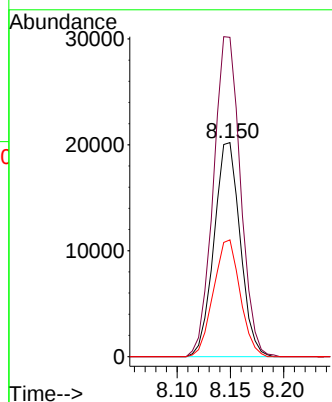
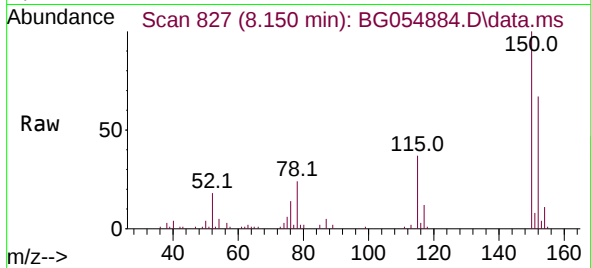




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.150 min Scan# 81  
Delta R.T. 0.004 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

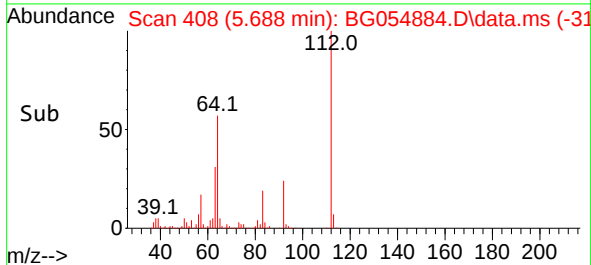
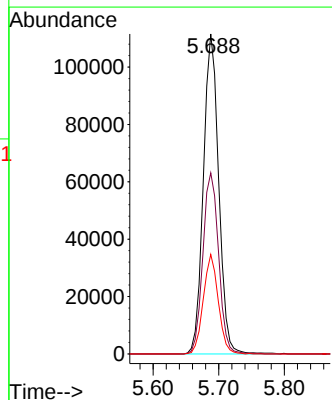
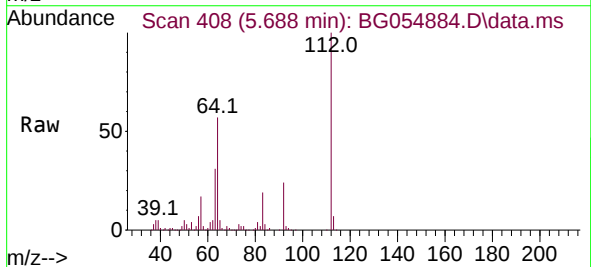
Instrument :  
BNA\_G  
ClientSampleId :  
SB-23-COMP

Tgt Ion:152 Resp: 34531  
Ion Ratio Lower Upper  
152 100  
150 149.2 125.2 187.8  
115 54.5 47.9 71.9



#5  
2-Fluorophenol  
Concen: 90.893 ng  
RT: 5.688 min Scan# 408  
Delta R.T. 0.003 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

Tgt Ion:112 Resp: 180239  
Ion Ratio Lower Upper  
112 100  
64 56.6 49.3 73.9  
63 31.1 26.3 39.5

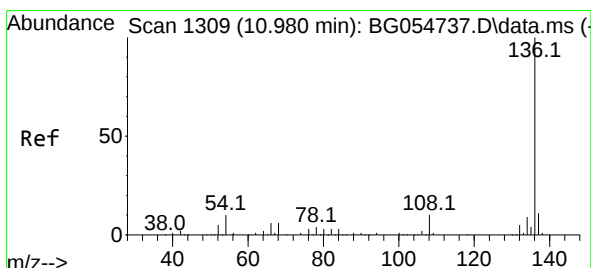
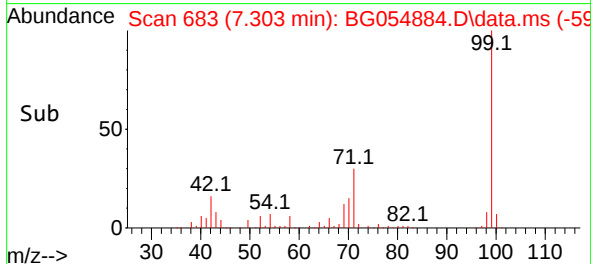
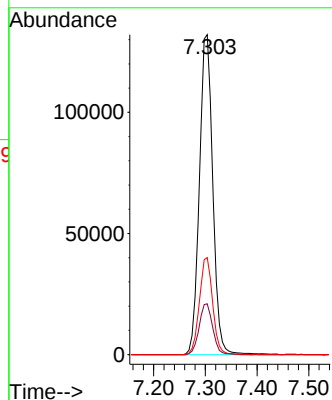
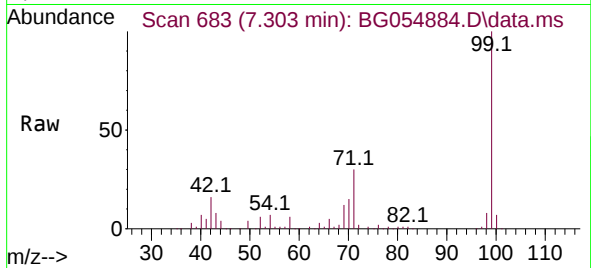




#7  
Phenol-d6  
Concen: 87.595 ng  
RT: 7.303 min Scan# 68  
Delta R.T. -0.003 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

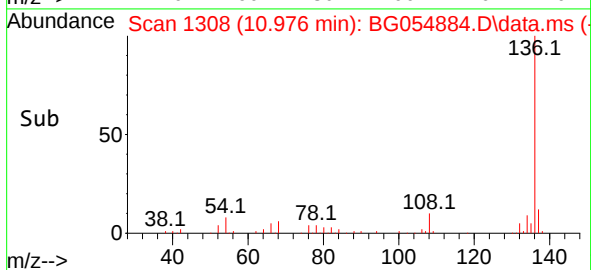
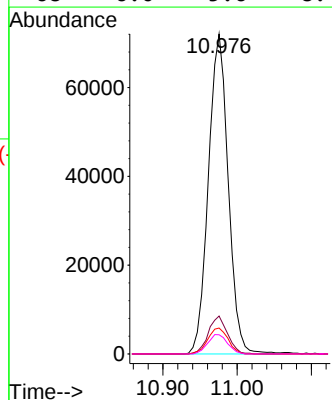
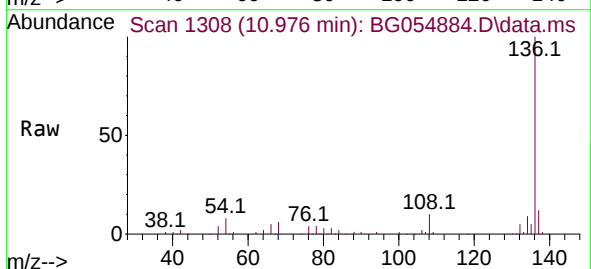
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BNA\_G  
ClientSampleId :  
SB-23-COMP

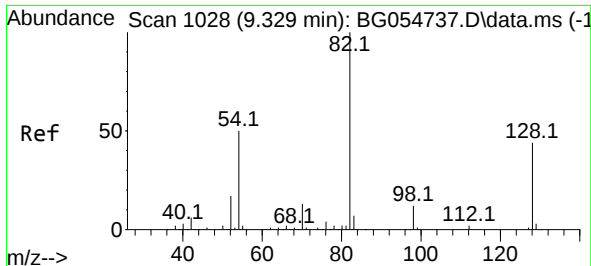
Tgt Ion: 99 Resp: 237549  
Ion Ratio Lower Upper  
99 100  
42 15.9 14.6 22.0  
71 30.3 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.976 min Scan# 1308  
Delta R.T. -0.003 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

Tgt Ion:136 Resp: 133709  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.2 13.8  
54 8.1 7.7 11.5  
68 6.0 5.6 8.4





#23  
Nitrobenzene-d5  
Concen: 55.347 ng  
RT: 9.325 min Scan# 1027  
Delta R.T. -0.003 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

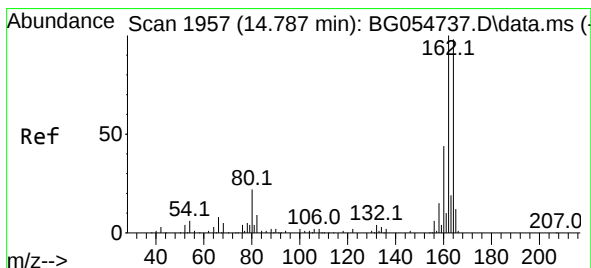
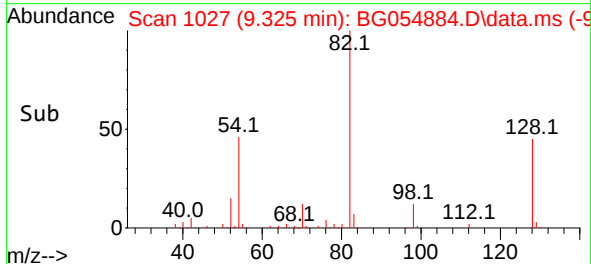
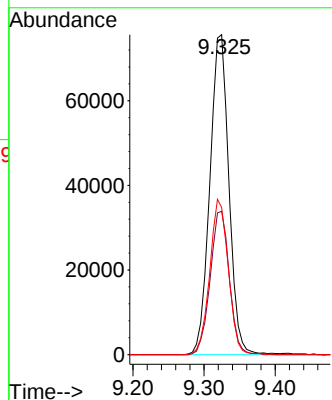
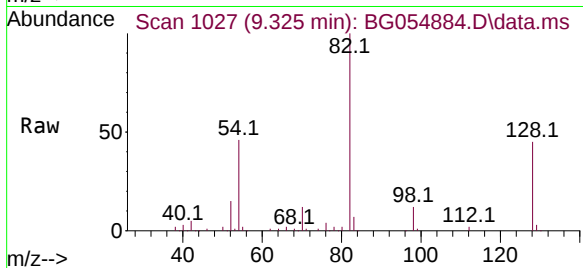
Instrument :

BNA\_G

ClientSampleId :

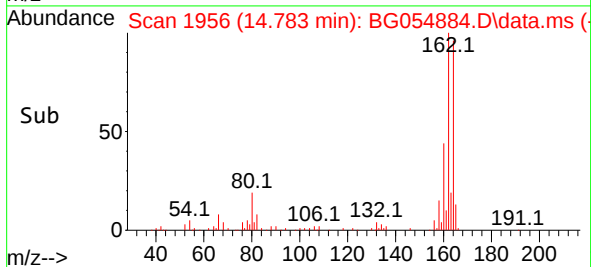
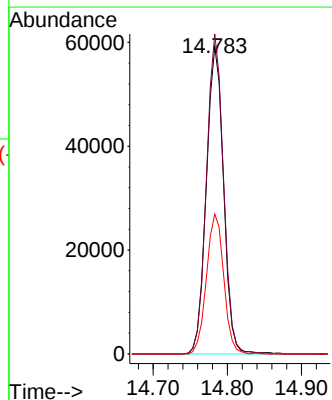
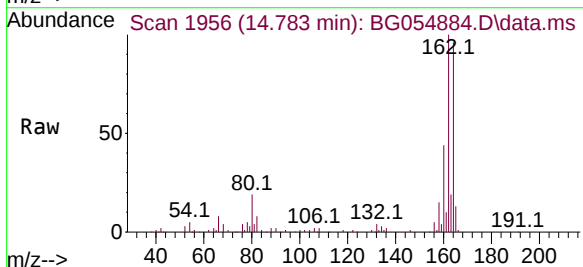
SB-23-COMP

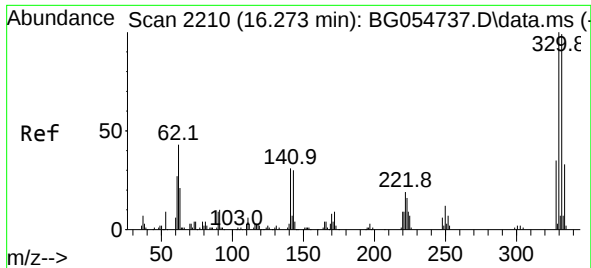
Tgt Ion: 82 Resp: 140969  
Ion Ratio Lower Upper  
82 100  
128 44.8 32.2 48.2  
54 46.0 41.4 62.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.783 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

Tgt Ion:164 Resp: 95081  
Ion Ratio Lower Upper  
164 100  
162 104.2 83.0 124.4  
160 45.6 38.0 57.0

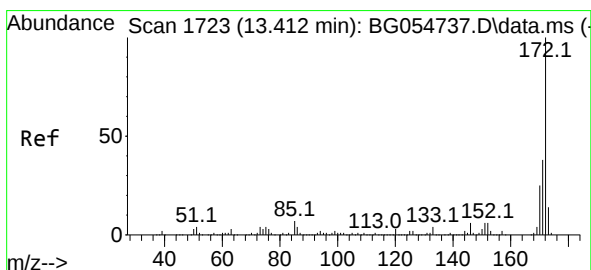
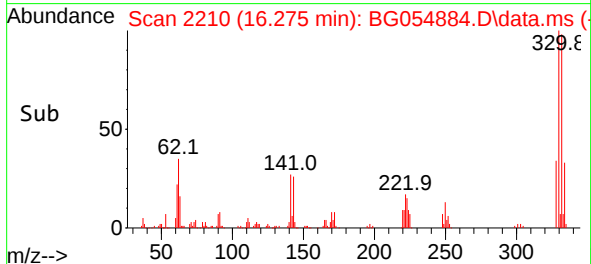
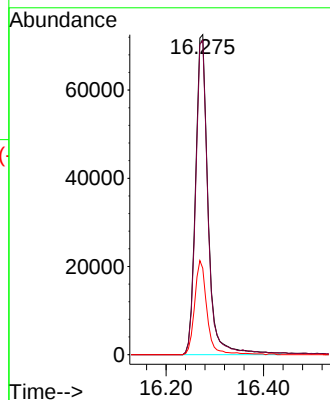
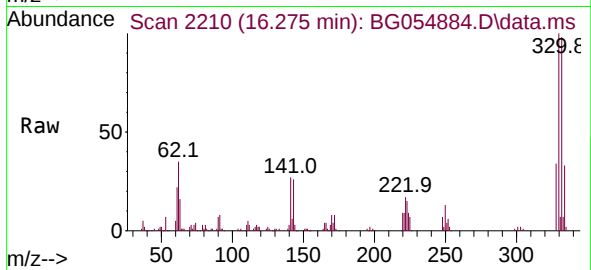




#42  
 2,4,6-Tribromophenol  
 Concen: 108.766 ng  
 RT: 16.275 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG054884.D  
 Acq: 8 Sep 2022 15:03

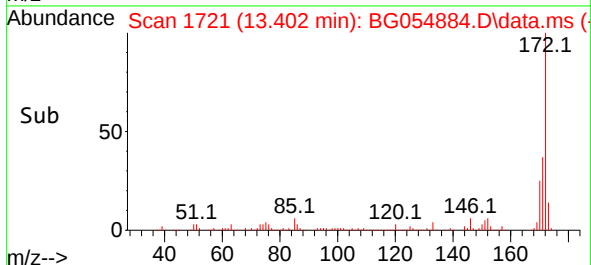
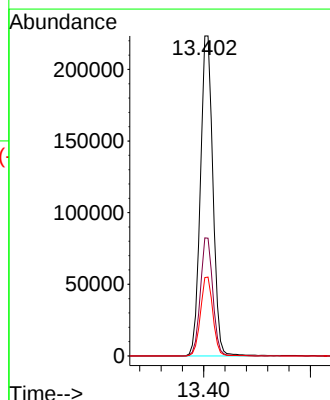
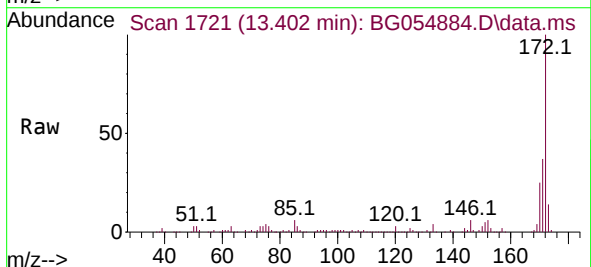
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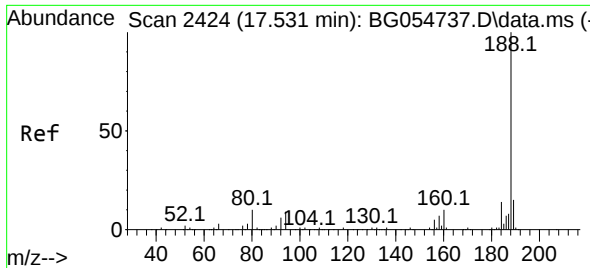
Tgt Ion:330 Resp: 129225  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 79.8 119.6  
 141 28.8 26.8 40.2



#45  
 2-Fluorobiphenyl  
 Concen: 57.492 ng  
 RT: 13.402 min Scan# 1721  
 Delta R.T. -0.009 min  
 Lab File: BG054884.D  
 Acq: 8 Sep 2022 15:03

Tgt Ion:172 Resp: 363698  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 31.2 46.8  
 170 24.5 20.6 30.8

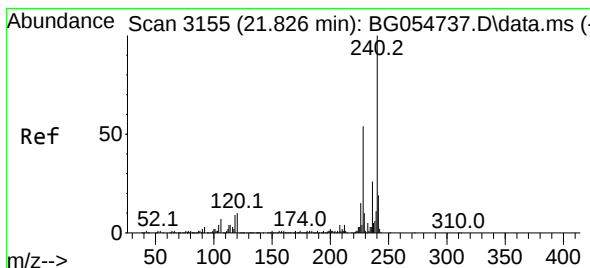
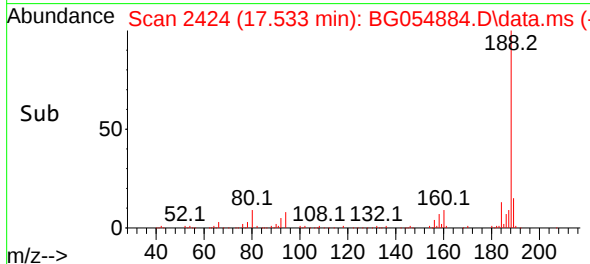
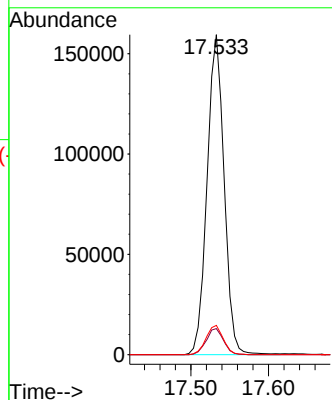
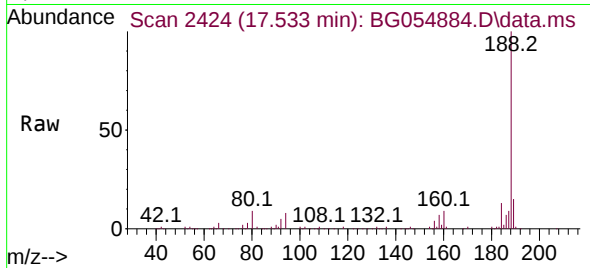




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.533 min Scan# 2424  
Delta R.T. -0.003 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

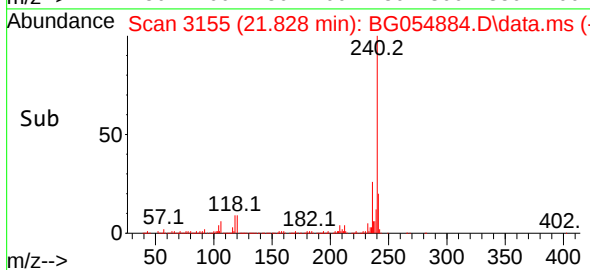
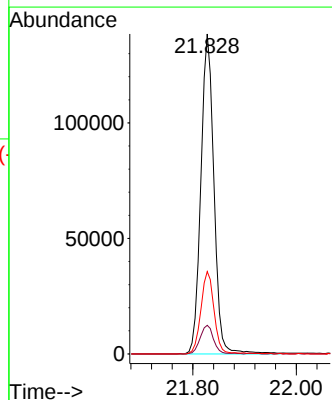
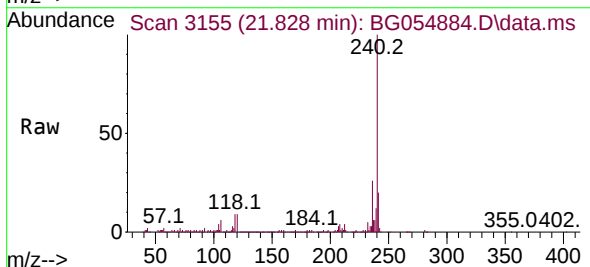
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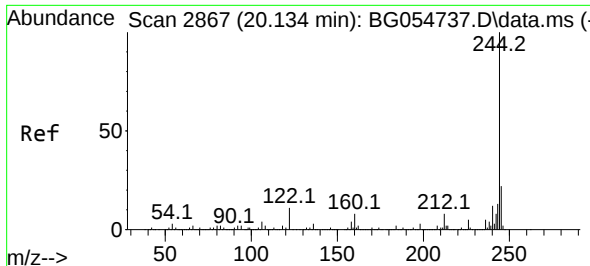
Tgt Ion:188 Resp: 243318  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.0 10.4  
80 9.1 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.828 min Scan# 3155  
Delta R.T. -0.009 min  
Lab File: BG054884.D  
Acq: 8 Sep 2022 15:03

Tgt Ion:240 Resp: 243310  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.2 12.4  
236 25.7 21.2 31.8

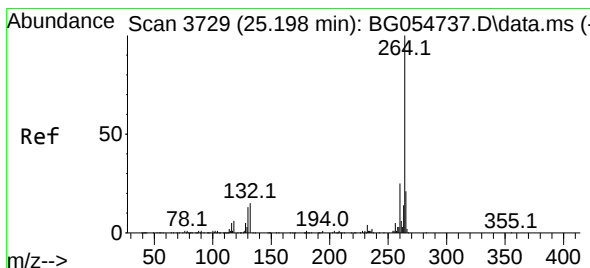
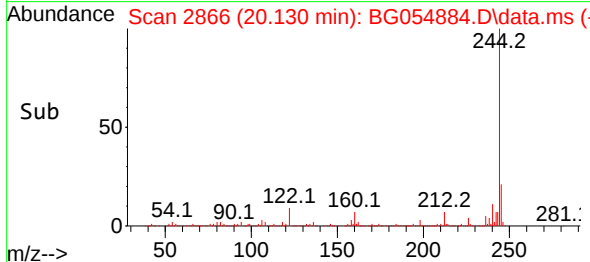
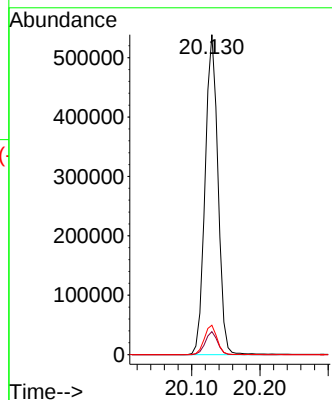
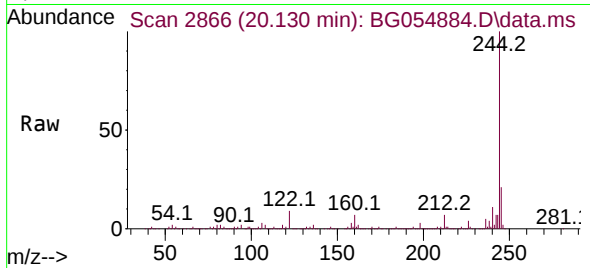




#79  
 Terphenyl-d14  
 Concen: 57.439 ng  
 RT: 20.130 min Scan# 2866  
 Delta R.T. -0.003 min  
 Lab File: BG054884.D  
 Acq: 8 Sep 2022 15:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-23-COMP

Tgt Ion:244 Resp: 705338  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.2 9.2  
 122 9.2 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.206 min Scan# 3730  
 Delta R.T. -0.015 min  
 Lab File: BG054884.D  
 Acq: 8 Sep 2022 15:03

Tgt Ion:264 Resp: 258618  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.9 29.9  
 265 21.4 16.9 25.3

