

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071322\  
 Data File : BG054274.D  
 Acq On : 13 Jul 2022 18:14  
 Operator : CG/JU  
 Sample : PB145925BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB145925BL

Quant Time: Jul 14 03:57:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 14 03:56:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.036  | 152  | 16316    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.845 | 136  | 63297    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.670 | 164  | 53071    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.414 | 188  | 152139   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.685 | 240  | 203825   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.923 | 264  | 204872   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.610  | 112  | 89890    | 110.687 | ng    | 0.00     |
| 7) Phenol-d6                | 7.202  | 99   | 120742   | 107.796 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.200  | 82   | 84507    | 72.451  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.156 | 330  | 136132   | 132.419 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.295 | 172  | 291681   | 80.756  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.022 | 244  | 862361   | 87.003  | ng    | 0.00     |

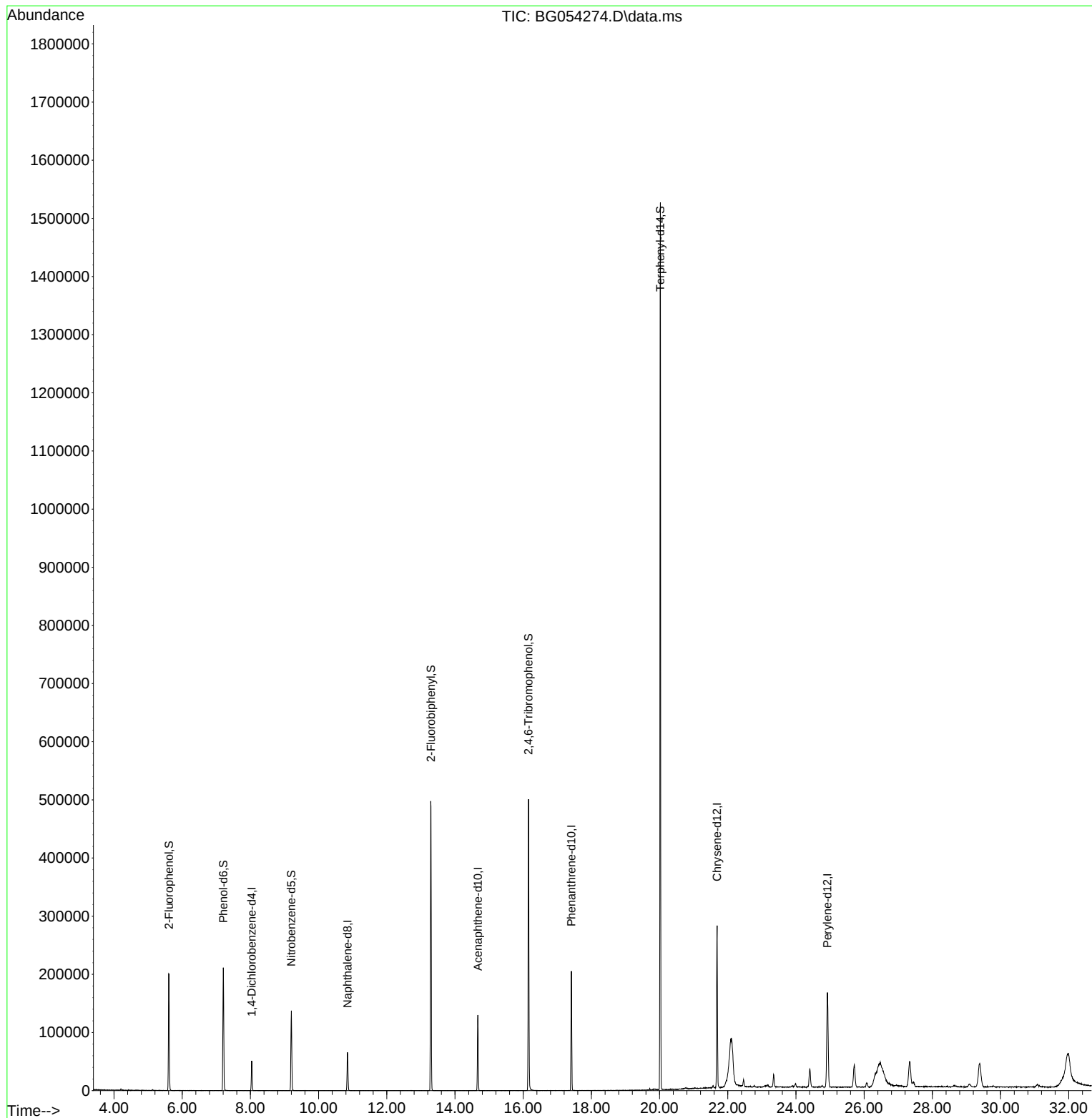
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

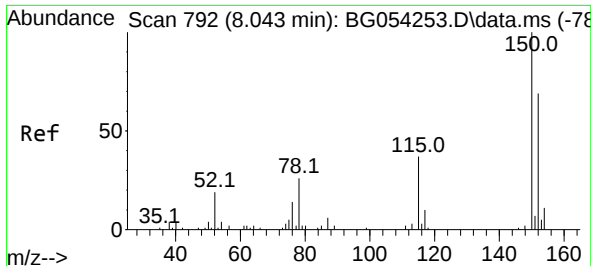
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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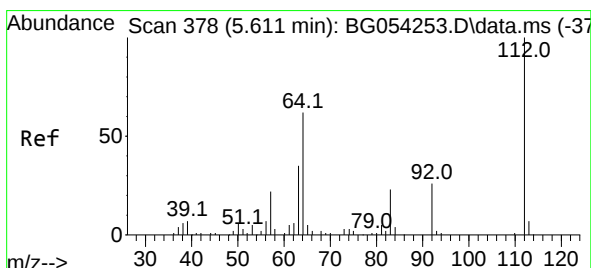
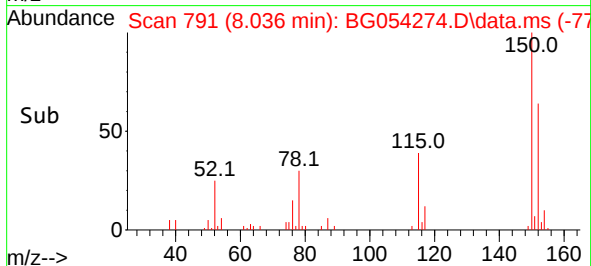
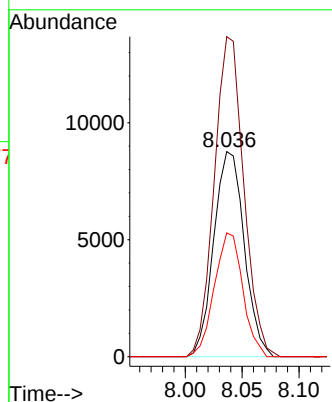
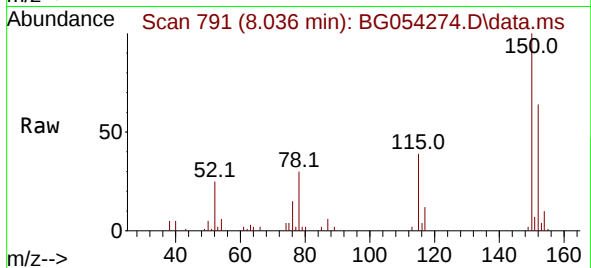




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.036 min Scan# 792  
Delta R.T. -0.007 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

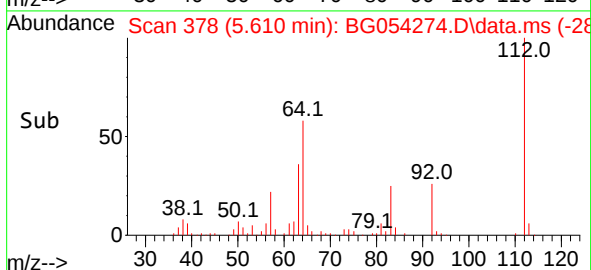
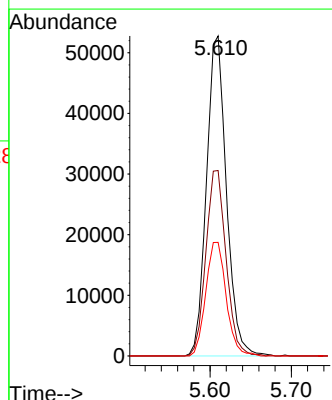
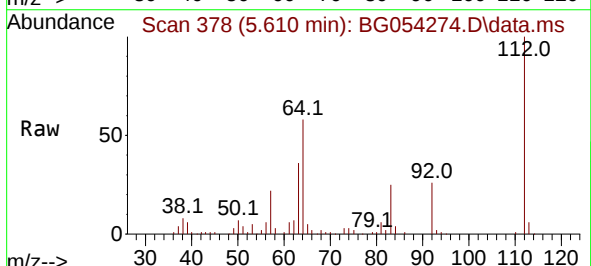
Instrument :  
BNA\_G  
ClientSampleId :  
PB145925BL

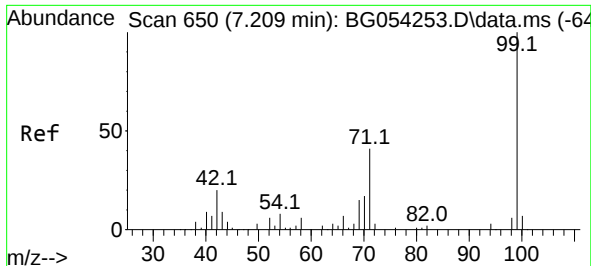
Tgt Ion:152 Resp: 16316  
Ion Ratio Lower Upper  
152 100  
150 156.0 131.6 197.4  
115 60.4 50.9 76.3



#5  
2-Fluorophenol  
Concen: 110.687 ng  
RT: 5.610 min Scan# 378  
Delta R.T. -0.001 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

Tgt Ion:112 Resp: 89890  
Ion Ratio Lower Upper  
112 100  
64 57.9 55.1 82.7  
63 35.5 30.4 45.6

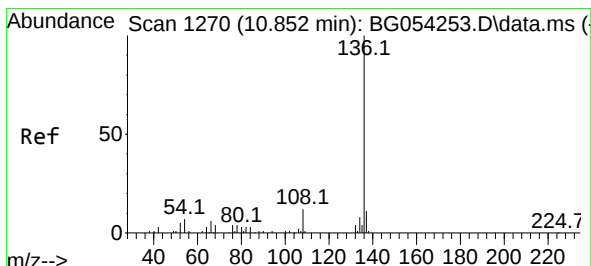
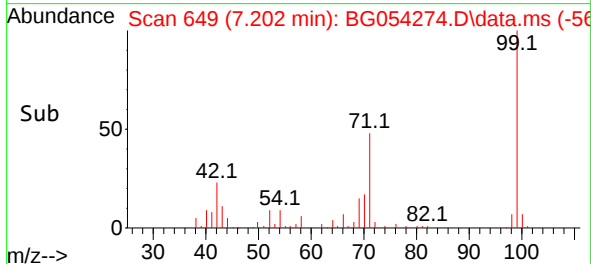
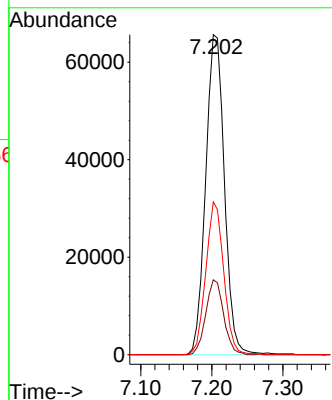
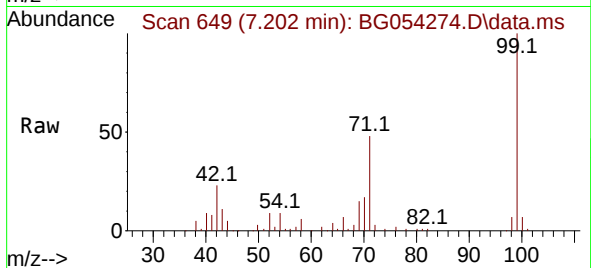




#7  
Phenol-d6  
Concen: 107.796 ng  
RT: 7.202 min Scan# 649  
Delta R.T. -0.007 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

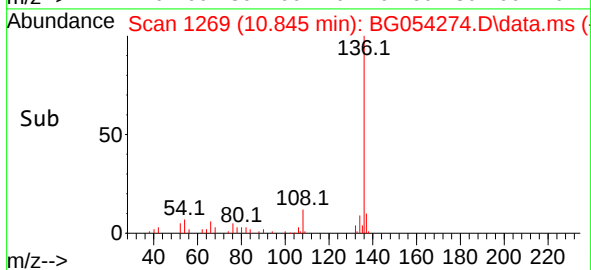
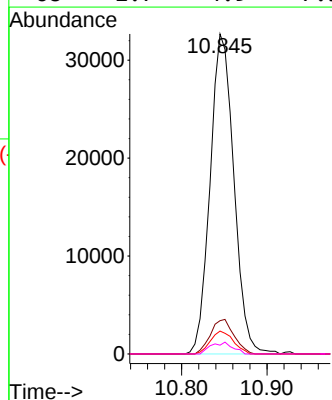
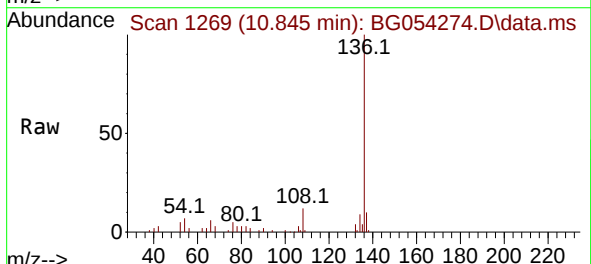
Instrument :  
BNA\_G  
ClientSampleId :  
PB145925BL

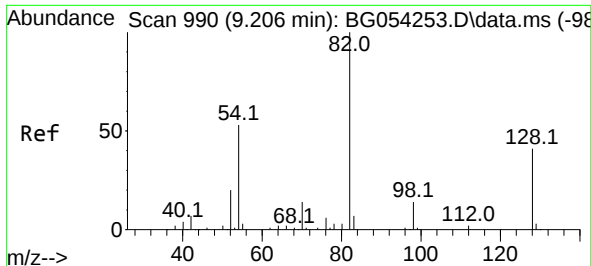
Tgt Ion: 99 Resp: 120742  
Ion Ratio Lower Upper  
99 100  
42 23.4 17.0 25.6  
71 47.8 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.845 min Scan# 1269  
Delta R.T. -0.007 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

Tgt Ion: 136 Resp: 63297  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 7.1 7.4 11.2#  
68 2.7 4.9 7.3#

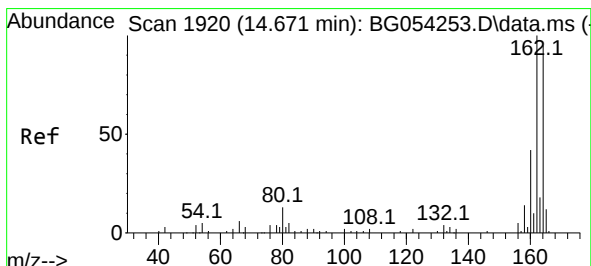
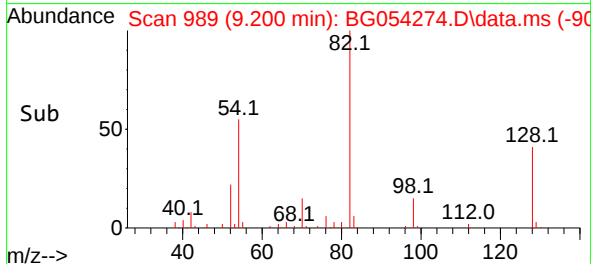
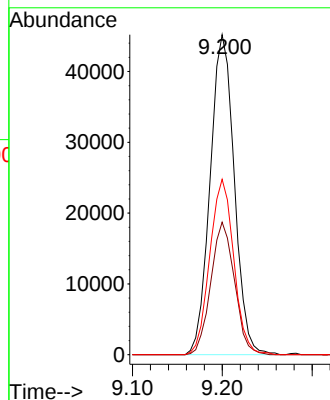
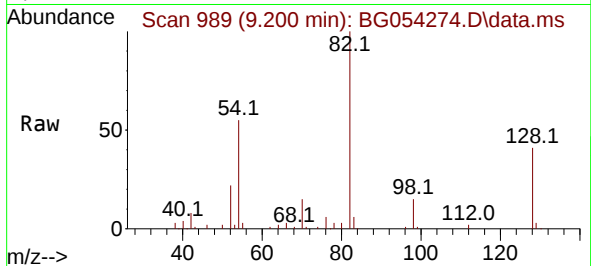




#23  
Nitrobenzene-d5  
Concen: 72.451 ng  
RT: 9.200 min Scan# 91  
Delta R.T. -0.007 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

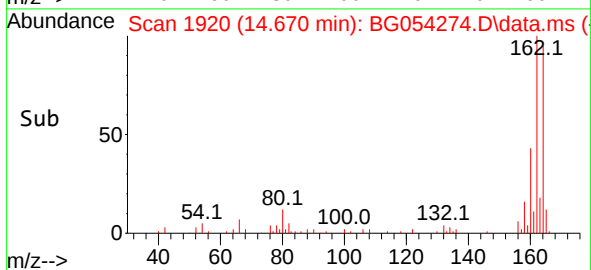
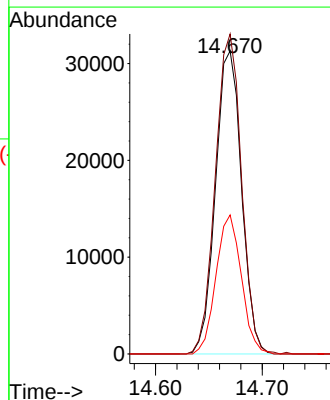
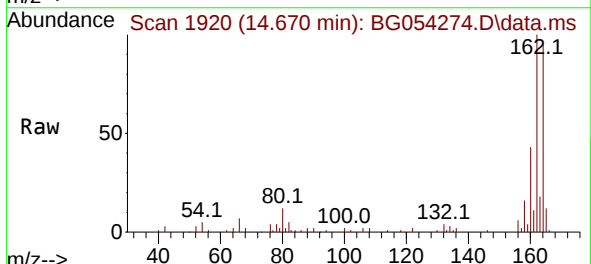
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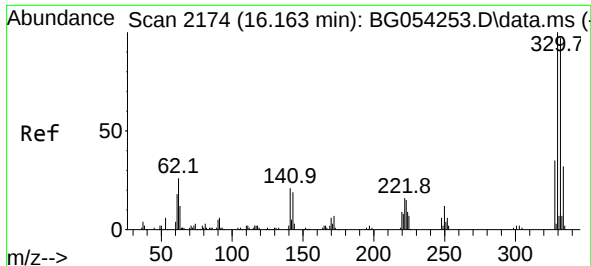
Tgt Ion: 82 Resp: 84507  
Ion Ratio Lower Upper  
82 100  
128 41.4 27.9 41.9  
54 54.8 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.670 min Scan# 1920  
Delta R.T. -0.001 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

Tgt Ion:164 Resp: 53071  
Ion Ratio Lower Upper  
164 100  
162 105.6 82.3 123.5  
160 45.9 34.2 51.2

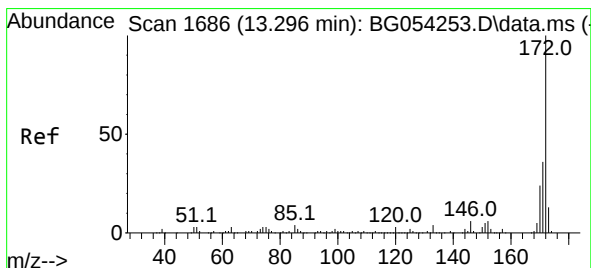
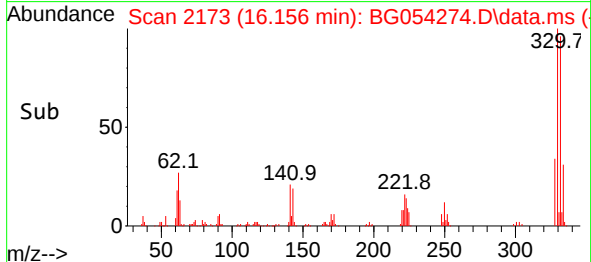
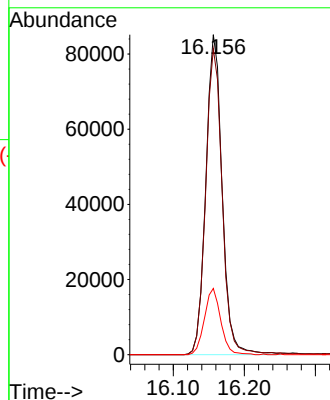
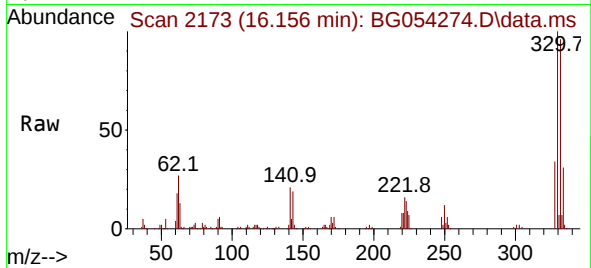




#42  
 2,4,6-Tribromophenol  
 Concen: 132.419 ng  
 RT: 16.156 min Scan# 2173  
 Delta R.T. -0.007 min  
 Lab File: BG054274.D  
 Acq: 13 Jul 2022 18:14

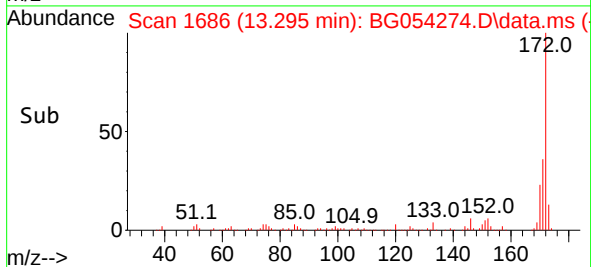
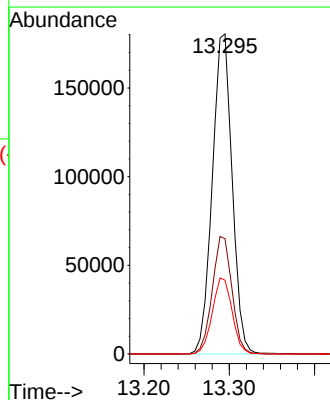
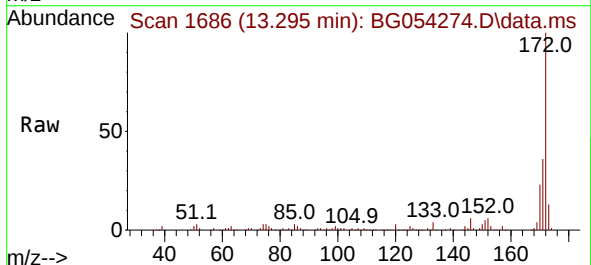
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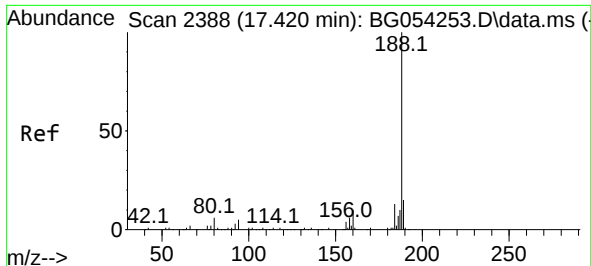
Tgt Ion:330 Resp: 136132  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 76.0 114.0  
 141 20.6 27.1 40.7#



#45  
 2-Fluorobiphenyl  
 Concen: 80.756 ng  
 RT: 13.295 min Scan# 1686  
 Delta R.T. -0.001 min  
 Lab File: BG054274.D  
 Acq: 13 Jul 2022 18:14

Tgt Ion:172 Resp: 291681  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 28.5 42.7  
 170 23.1 18.9 28.3

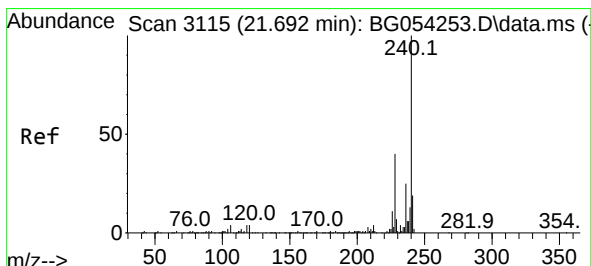
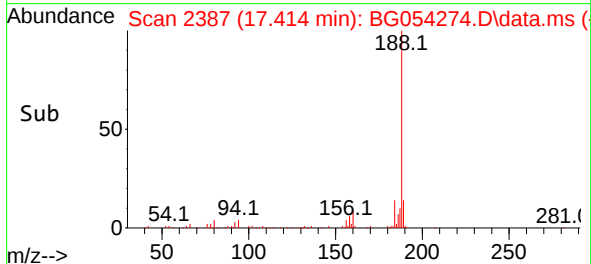
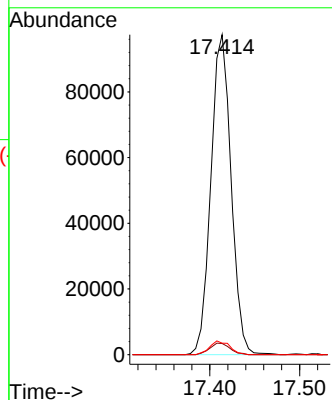
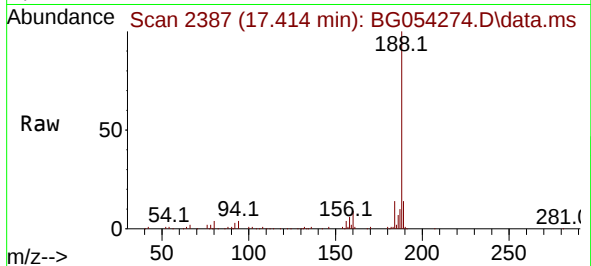




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.414 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

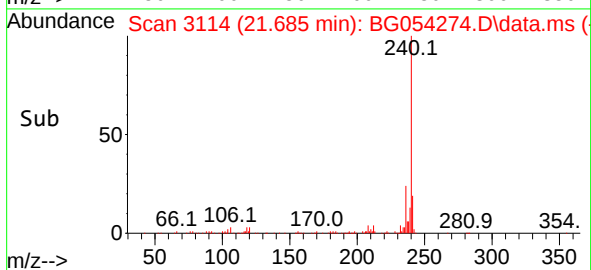
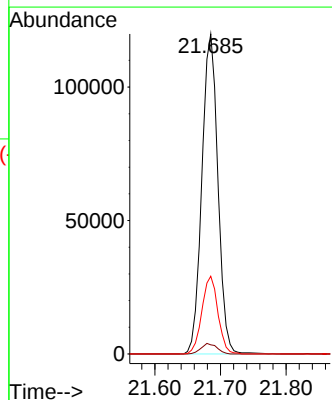
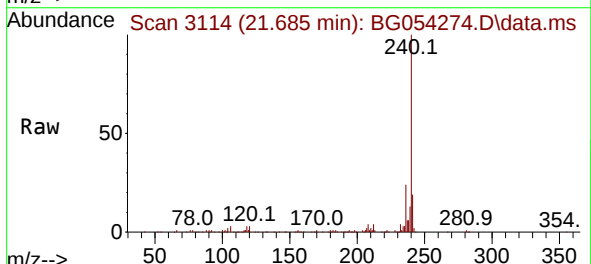
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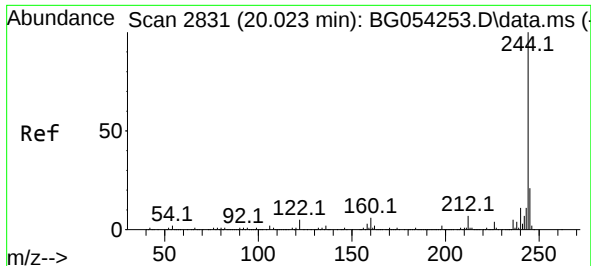
Tgt Ion:188 Resp: 152139  
Ion Ratio Lower Upper  
188 100  
94 3.5 5.4 8.0#  
80 3.6 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.685 min Scan# 3114  
Delta R.T. -0.007 min  
Lab File: BG054274.D  
Acq: 13 Jul 2022 18:14

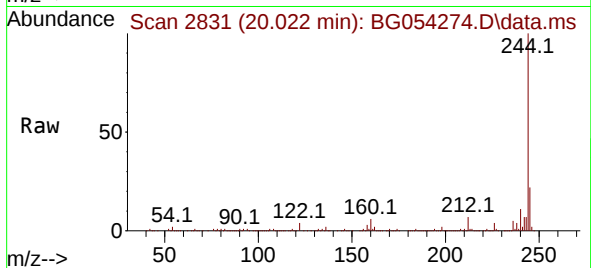
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Ion Ratio Lower Upper  
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120 2.9 4.6 7.0#  
236 24.3 20.2 30.4



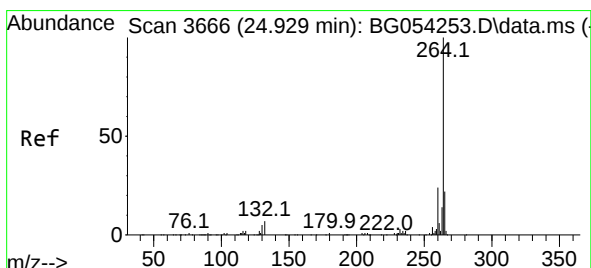
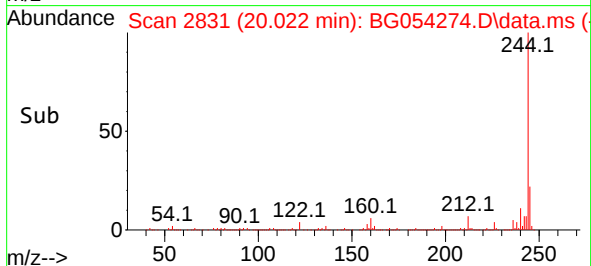
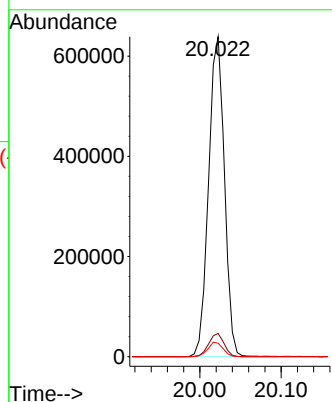


#79  
 Terphenyl-d14  
 Concen: 87.003 ng  
 RT: 20.022 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG054274.D  
 Acq: 13 Jul 2022 18:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB145925BL



Tgt Ion:244 Resp: 862361  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.5 9.7  
 122 4.2 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.923 min Scan# 3665  
 Delta R.T. -0.006 min  
 Lab File: BG054274.D  
 Acq: 13 Jul 2022 18:14

Tgt Ion:264 Resp: 204872  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.0 28.6  
 265 20.2 17.4 26.2

