

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062923\  
 Data File : BG057907.D  
 Acq On : 29 Jun 2023 16:44  
 Operator : CG/JU  
 Sample : 03375-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-5(8-10)

Quant Time: Jun 29 18:03:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 01:12:33 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.916  | 152  | 48558    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.719 | 136  | 190263   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.550 | 164  | 124367   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.294 | 188  | 302972   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.547 | 240  | 264138   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.697 | 264  | 333108   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.496  | 112  | 323479   | 101.924 | ng    | 0.00     |
| 7) Phenol-d6                | 7.082  | 99   | 451523   | 95.140  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.074  | 82   | 250501   | 64.524  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.042 | 330  | 190347   | 91.125  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.175 | 172  | 529303   | 64.948  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.914 | 244  | 912452   | 62.978  | ng    | 0.00     |

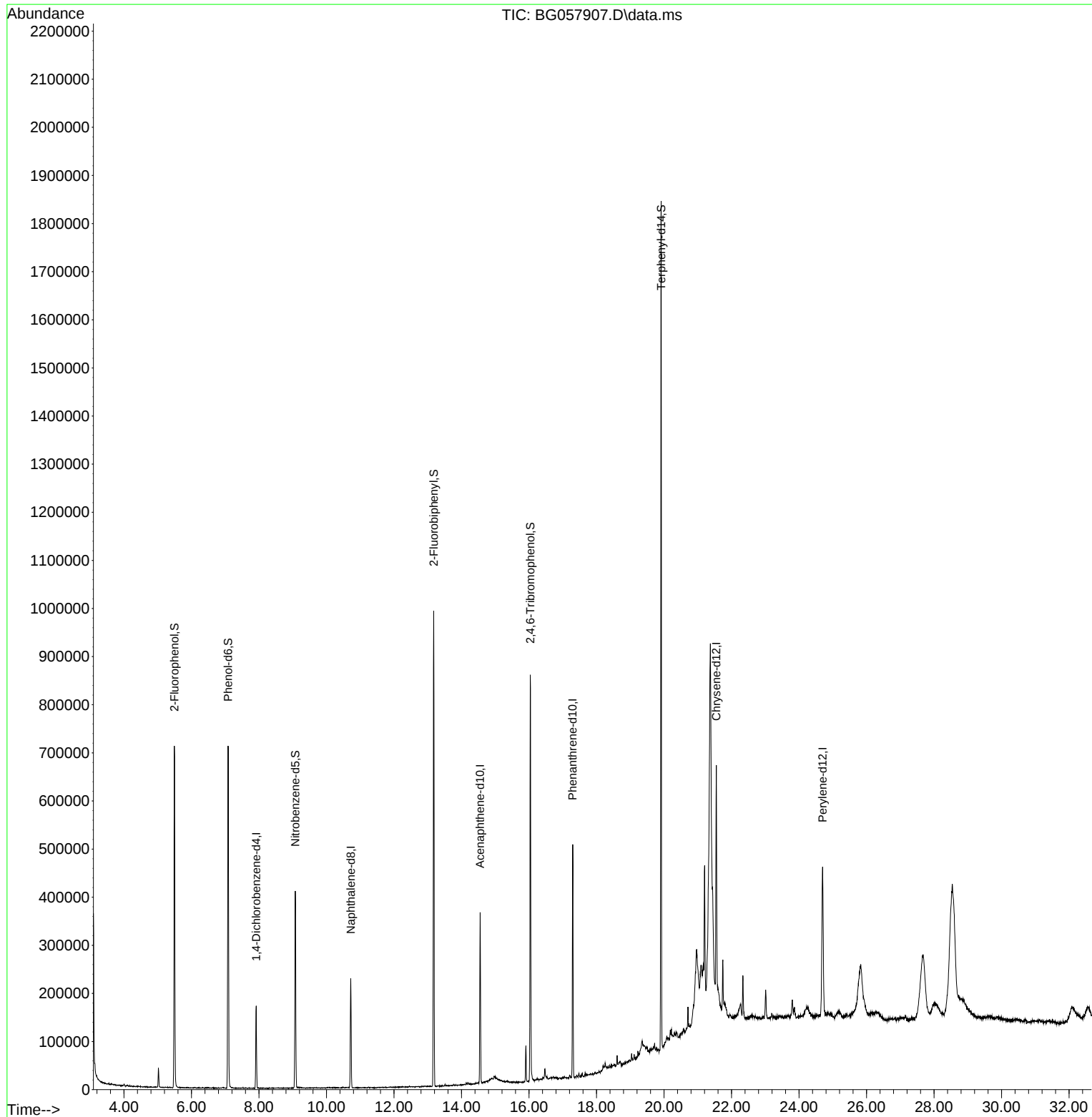
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

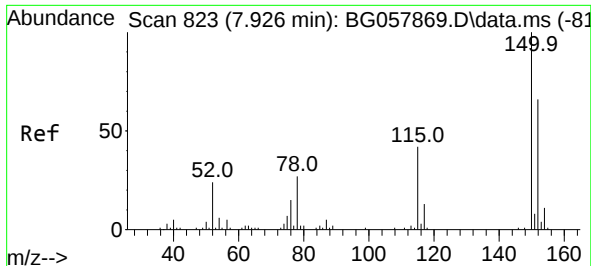
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-5(8-10)

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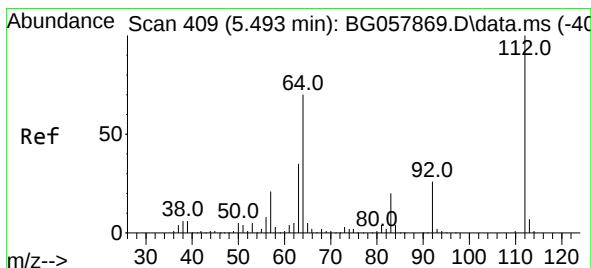
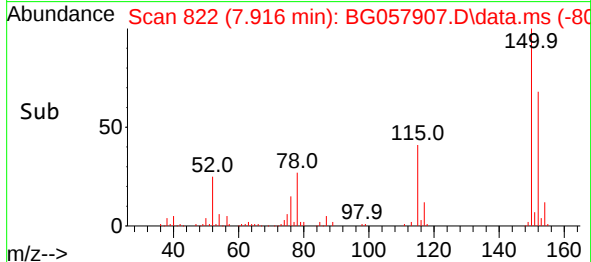
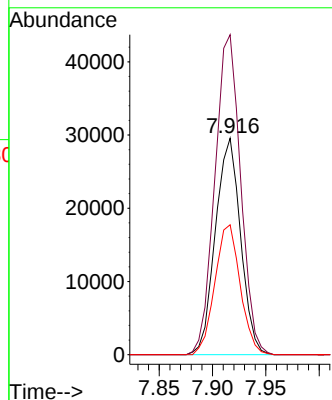
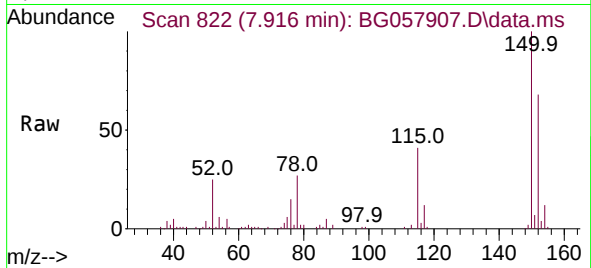




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.916 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

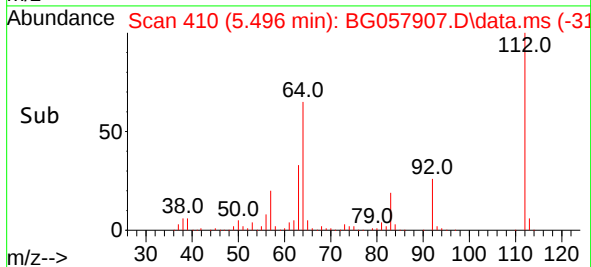
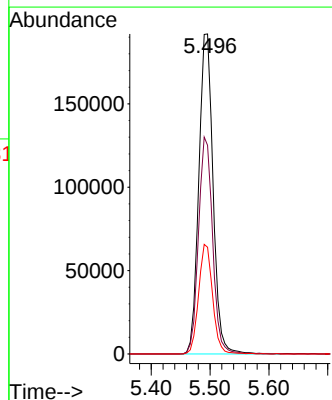
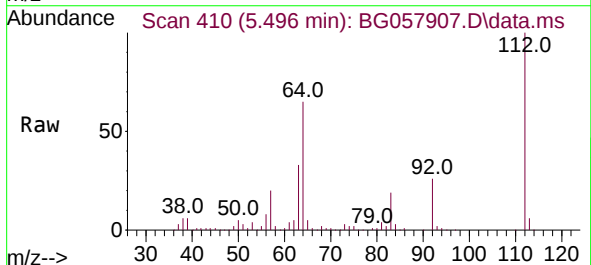
Instrument :  
BNA\_G  
ClientSampleId :  
SB-5(8-10)

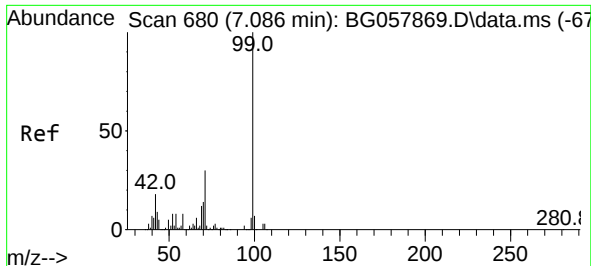
Tgt Ion:152 Resp: 48558  
Ion Ratio Lower Upper  
152 100  
150 147.8 122.0 183.0  
115 60.0 50.7 76.1



#5  
2-Fluorophenol  
Concen: 101.924 ng  
RT: 5.496 min Scan# 410  
Delta R.T. 0.002 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

Tgt Ion:112 Resp: 323479  
Ion Ratio Lower Upper  
112 100  
64 65.2 55.8 83.6  
63 33.3 27.9 41.9

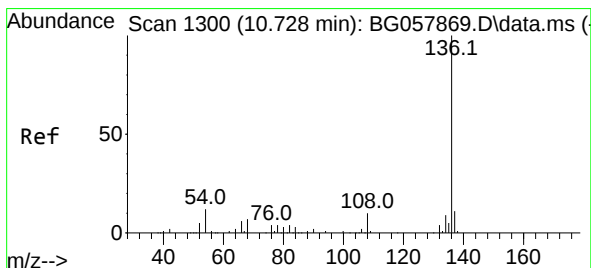
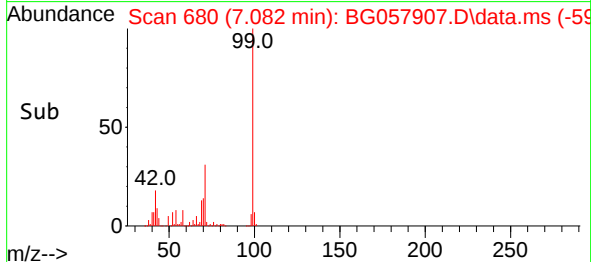
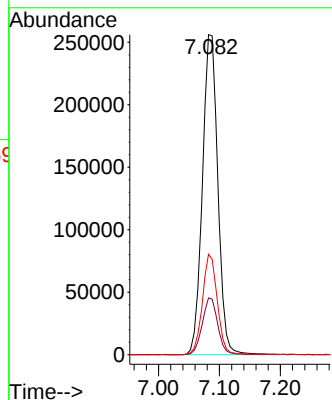
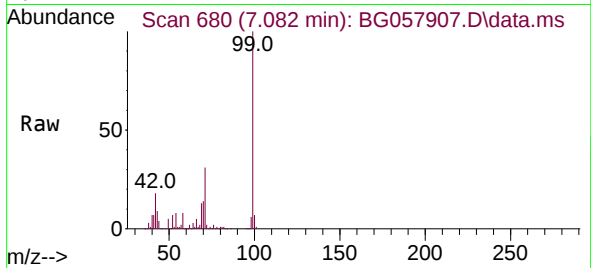




#7  
Phenol-d6  
Concen: 95.140 ng  
RT: 7.082 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

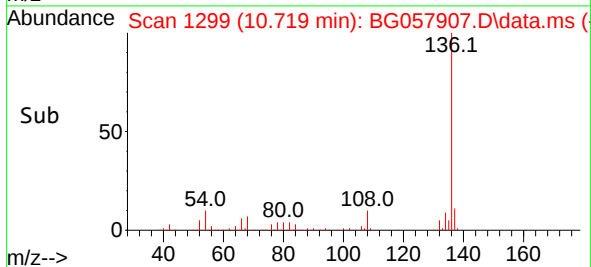
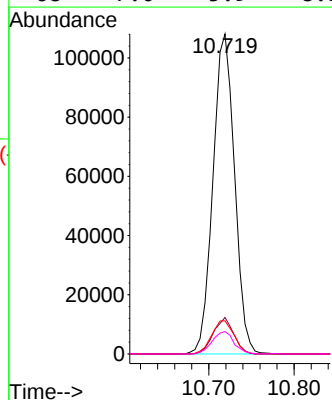
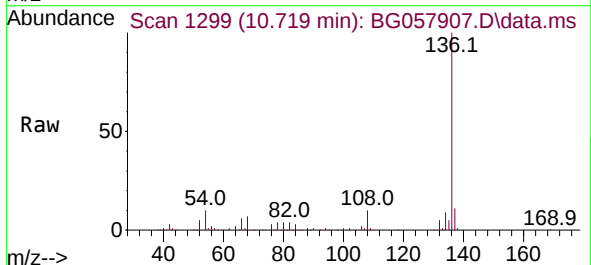
Instrument :  
BNA\_G  
ClientSampleId :  
SB-5(8-10)

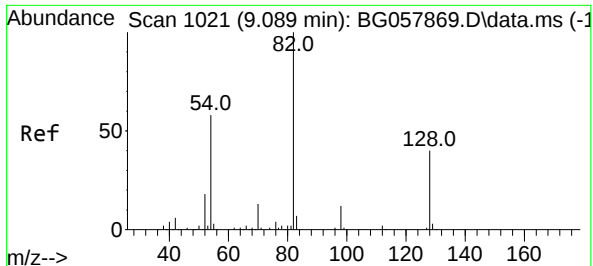
Tgt Ion: 99 Resp: 451523  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.2 21.4  
71 31.4 23.9 35.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.719 min Scan# 1299  
Delta R.T. -0.009 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

Tgt Ion: 136 Resp: 190263  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.6 12.8  
54 10.3 9.3 13.9  
68 7.0 5.9 8.9

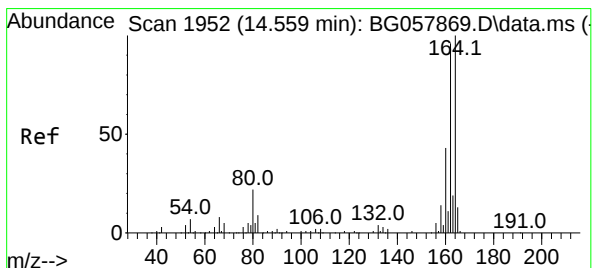
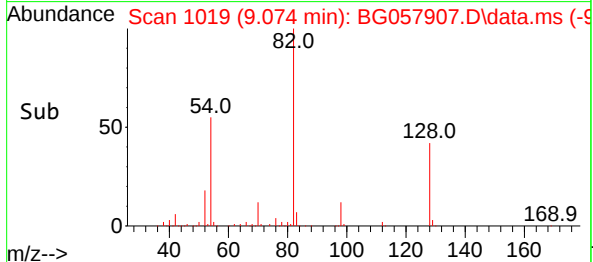
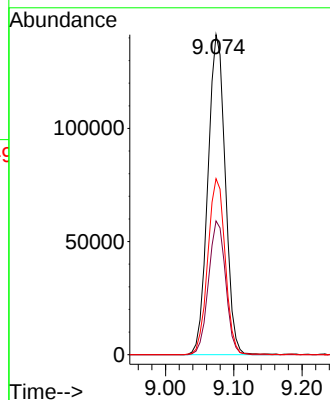
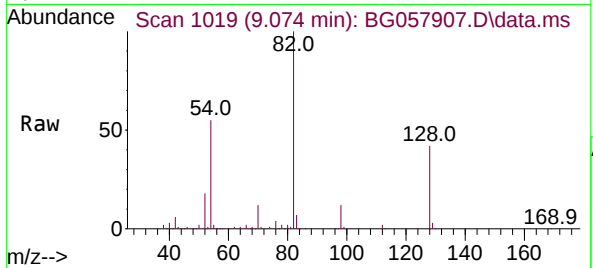




#23  
Nitrobenzene-d5  
Concen: 64.524 ng  
RT: 9.074 min Scan# 1019  
Delta R.T. -0.015 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

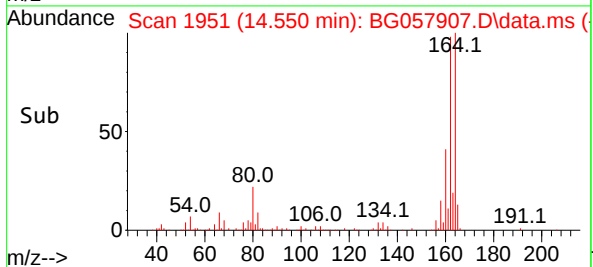
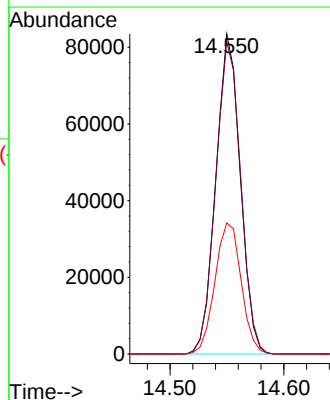
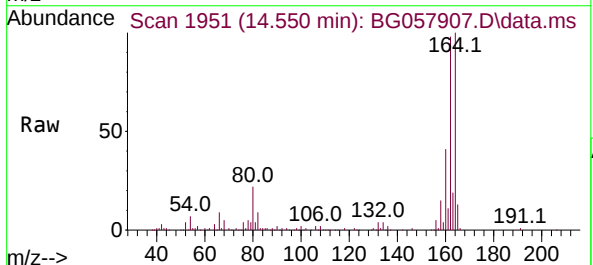
Instrument :  
BNA\_G  
ClientSampleId :  
SB-5(8-10)

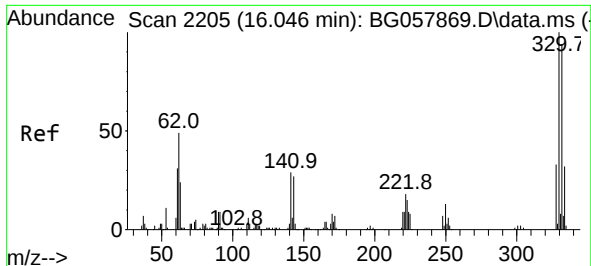
Tgt Ion: 82 Resp: 250501  
Ion Ratio Lower Upper  
82 100  
128 41.8 32.2 48.4  
54 55.0 46.1 69.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.550 min Scan# 1951  
Delta R.T. -0.009 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

Tgt Ion:164 Resp: 124367  
Ion Ratio Lower Upper  
164 100  
162 97.7 76.4 114.6  
160 40.9 34.2 51.2

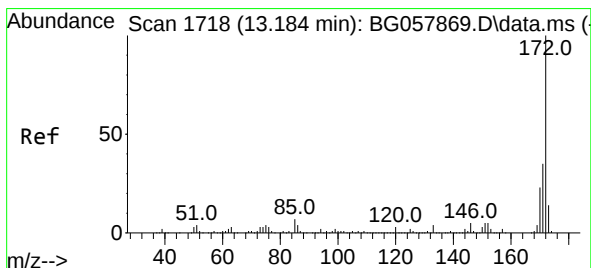
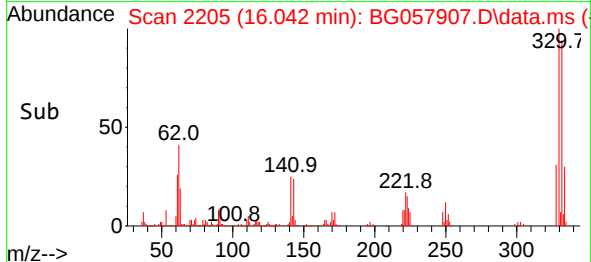
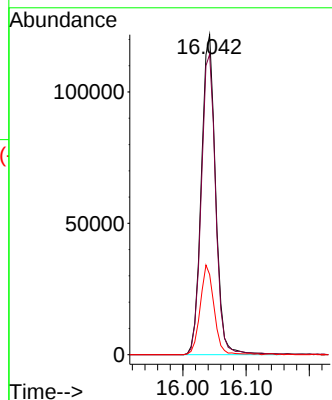
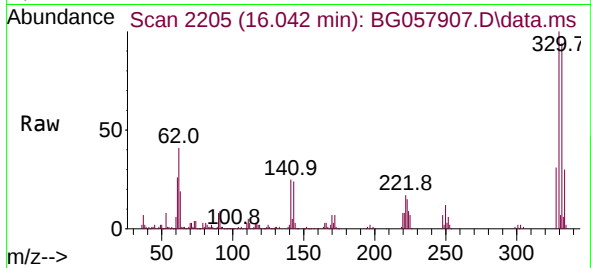




#42  
2,4,6-Tribromophenol  
Concen: 91.125 ng  
RT: 16.042 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

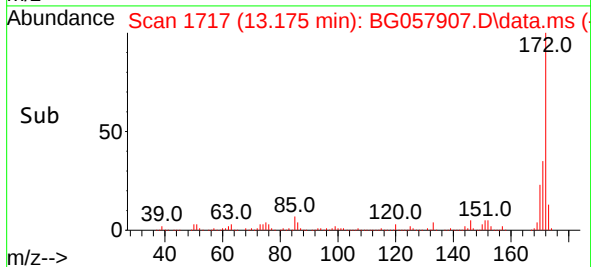
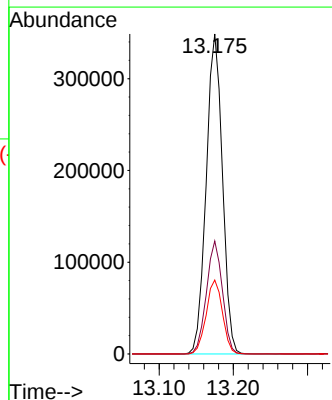
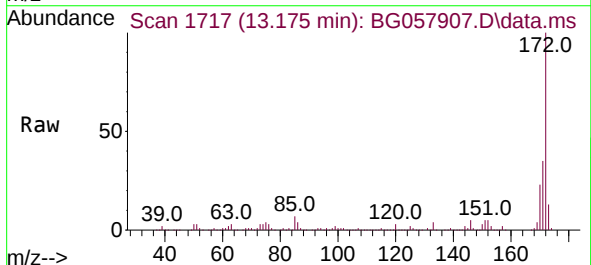
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ClientSampleId :  
SB-5(8-10)

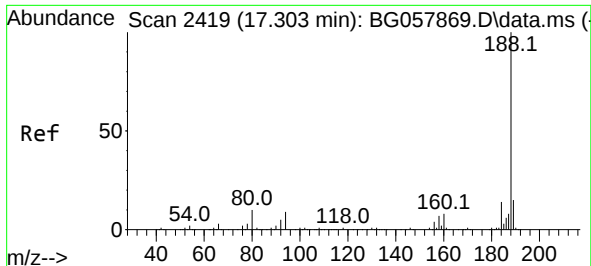
Tgt Ion:330 Resp: 190347  
Ion Ratio Lower Upper  
330 100  
332 95.2 77.1 115.7  
141 27.2 22.2 33.4



#45  
2-Fluorobiphenyl  
Concen: 64.948 ng  
RT: 13.175 min Scan# 1717  
Delta R.T. -0.009 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

Tgt Ion:172 Resp: 529303  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.8 41.8  
170 23.1 18.6 27.8

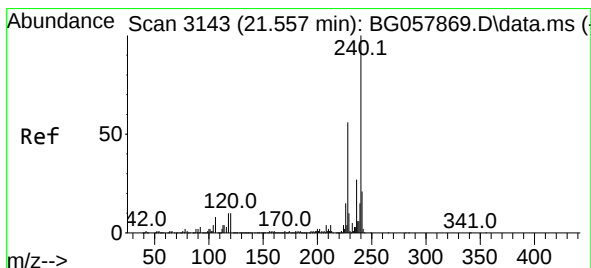
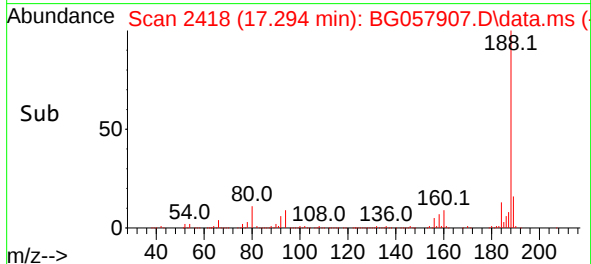
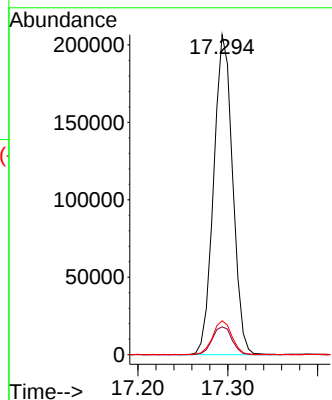
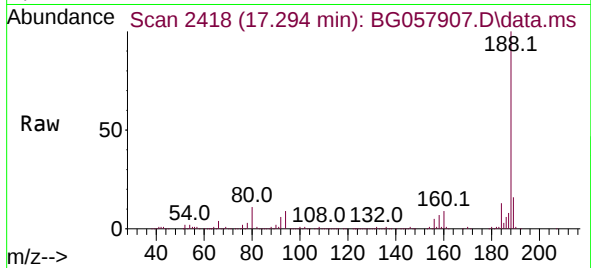




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.294 min Scan# 2419  
Delta R.T. -0.009 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

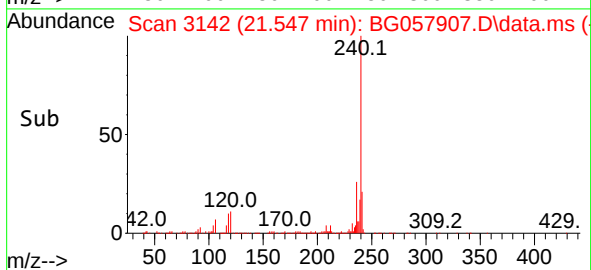
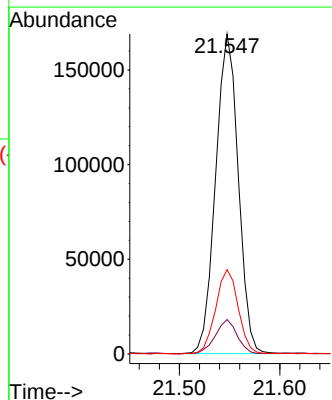
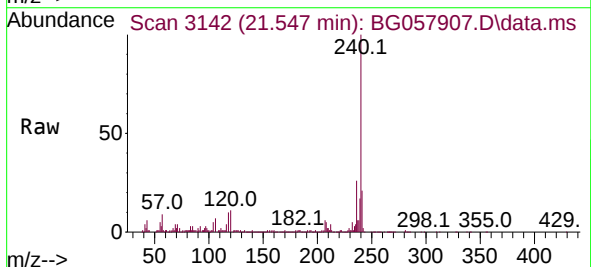
Instrument :  
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ClientSampleId :  
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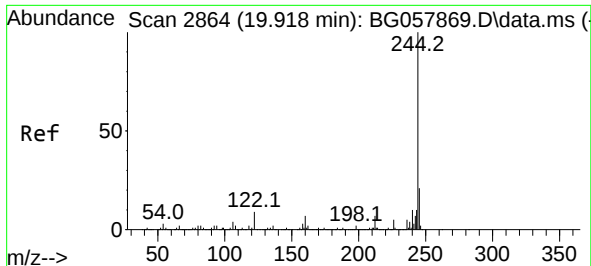
Tgt Ion:188 Resp: 302972  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.2 10.8  
80 10.6 8.4 12.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.547 min Scan# 3142  
Delta R.T. -0.009 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

Tgt Ion:240 Resp: 264138  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.1 12.1  
236 26.4 21.9 32.9

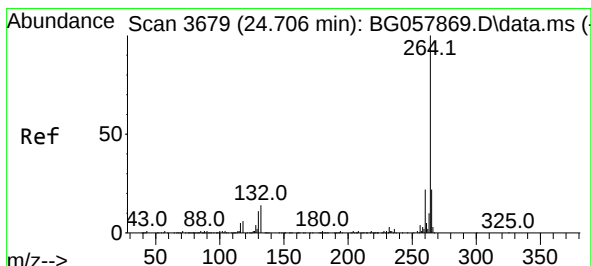
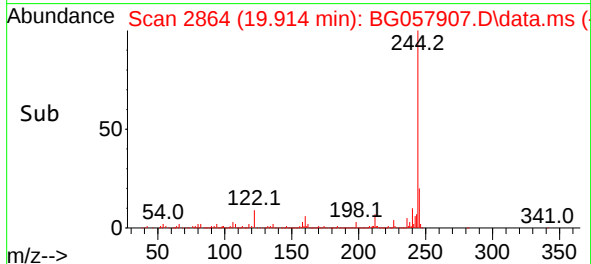
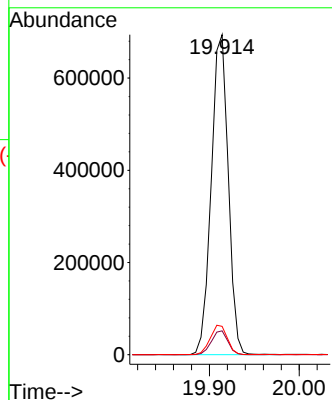
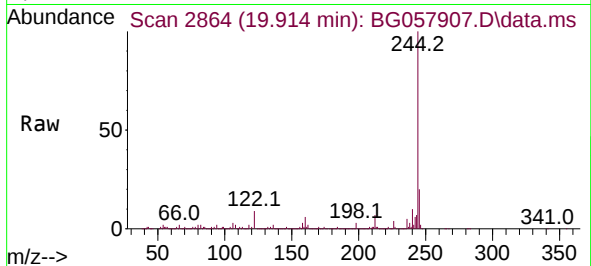




#79  
Terphenyl-d14  
Concen: 62.978 ng  
RT: 19.914 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

Instrument :  
BNA\_G  
ClientSampleId :  
SB-5(8-10)

Tgt Ion:244 Resp: 912452  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.9 8.9  
122 8.8 7.4 11.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.697 min Scan# 3678  
Delta R.T. -0.009 min  
Lab File: BG057907.D  
Acq: 29 Jun 2023 16:44

Tgt Ion:264 Resp: 333108  
Ion Ratio Lower Upper  
264 100  
260 23.1 17.8 26.8  
265 21.4 17.3 25.9

