

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111723\  
 Data File : BG059765.D  
 Acq On : 18 Nov 2023 15:13  
 Operator : MA/JU  
 Sample : 05385-03 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HR-03-11102023

Quant Time: Nov 20 04:43:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.342  | 152  | 31695    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.191 | 136  | 137377   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.969 | 164  | 121683   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.725 | 188  | 237980   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.055 | 240  | 173676   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 25.657 | 264  | 158368   | 20.000 | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.839  | 112  | 30892    | 16.405 | ng    | 0.00     |
| 7) Phenol-d6                | 7.460  | 99   | 43902    | 15.732 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.546  | 82   | 44327    | 12.323 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.456 | 330  | 26309    | 19.056 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.594 | 172  | 129873   | 14.366 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.298 | 244  | 151341   | 12.864 | ng    | 0.00     |

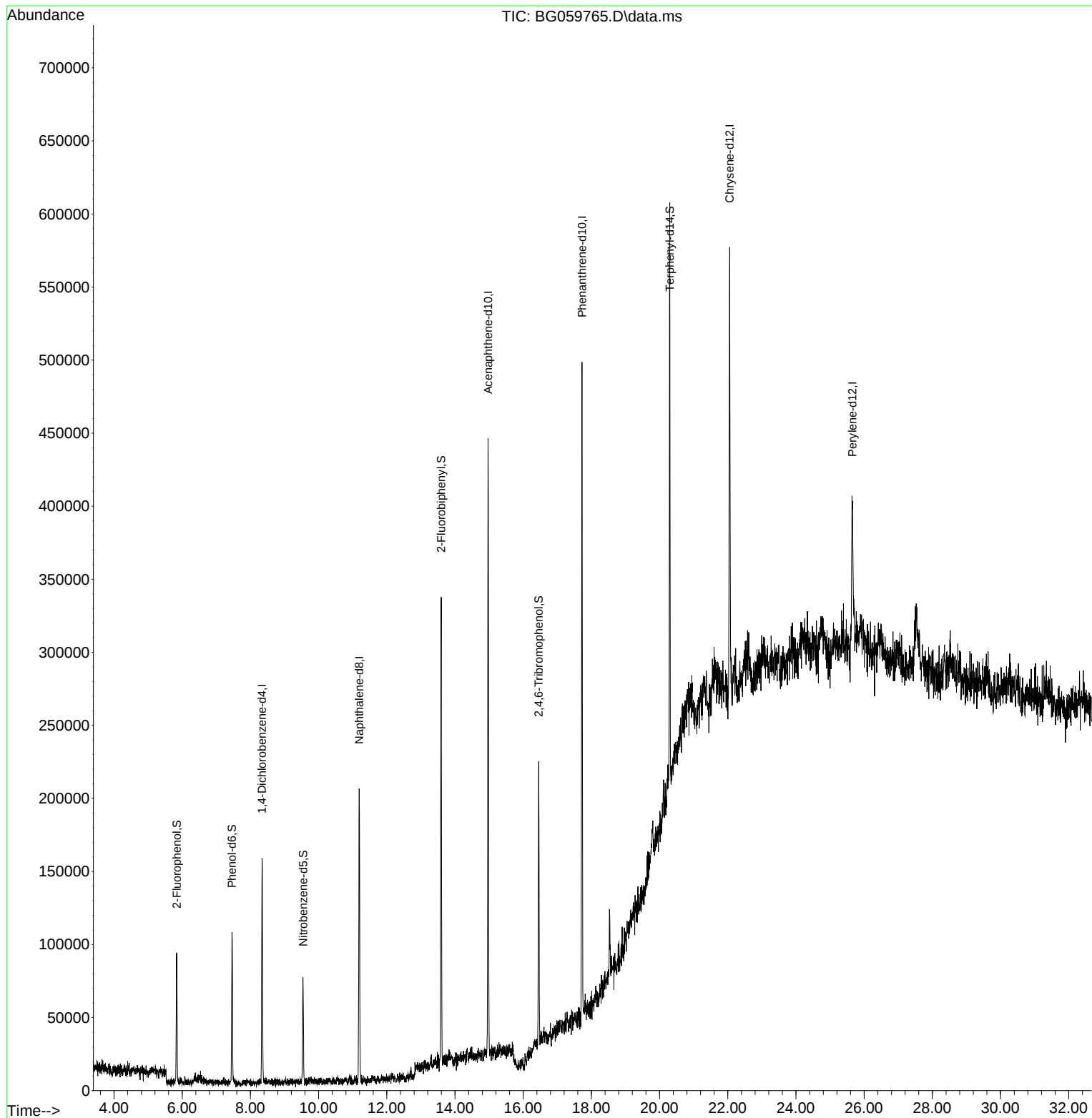
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

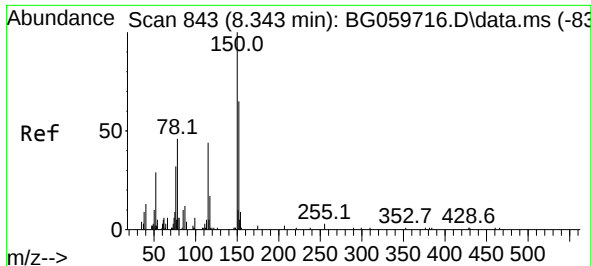
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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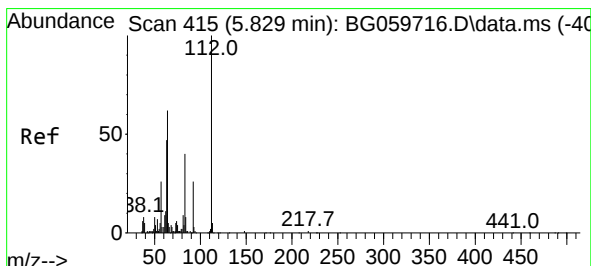
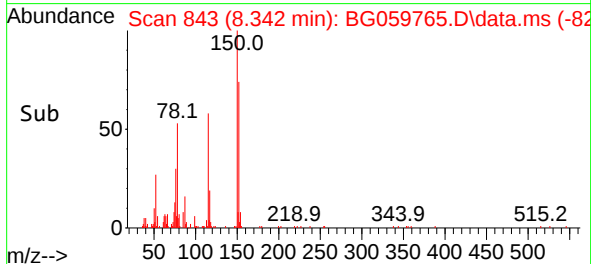
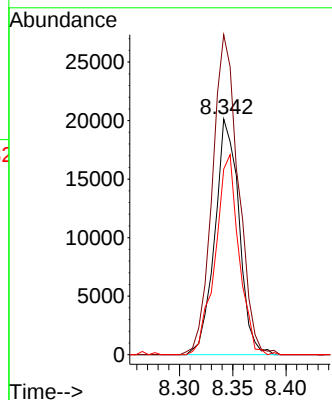
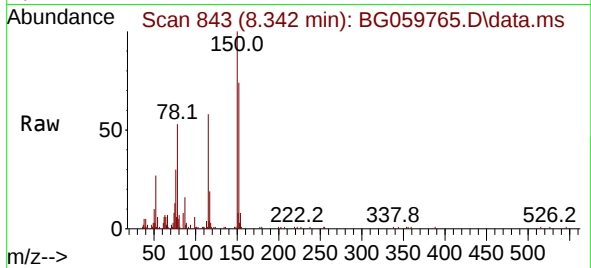




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.342 min Scan# 843  
Delta R.T. -0.001 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

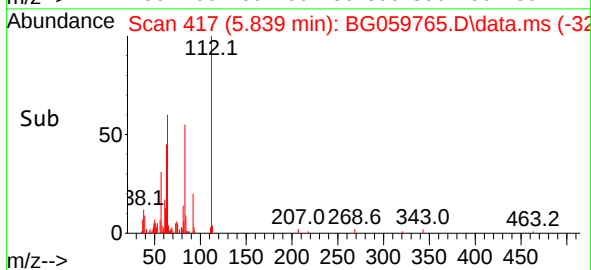
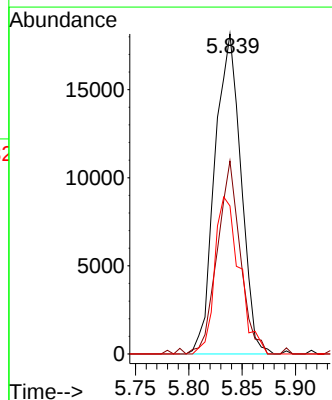
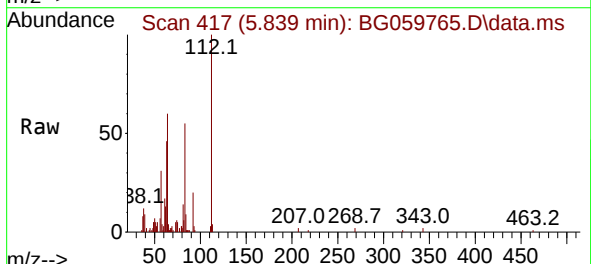
Instrument :  
BNA\_G  
ClientSampleId :  
HR-03-11102023

Tgt Ion:152 Resp: 31695  
Ion Ratio Lower Upper  
152 100  
150 135.8 122.2 183.4  
115 78.8 54.2 81.4



#5  
2-Fluorophenol  
Concen: 16.405 ng  
RT: 5.839 min Scan# 417  
Delta R.T. 0.010 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

Tgt Ion:112 Resp: 30892  
Ion Ratio Lower Upper  
112 100  
64 60.3 49.5 74.3  
63 46.3 37.4 56.2

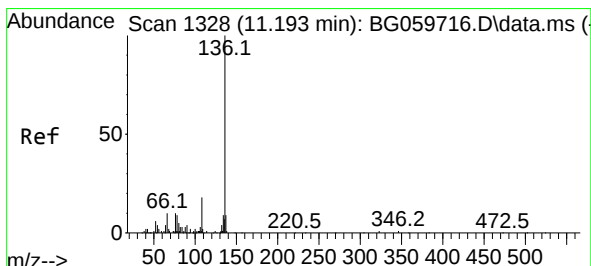
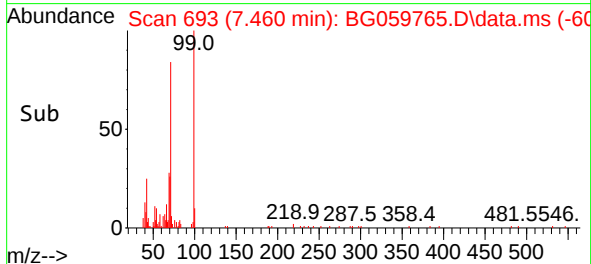
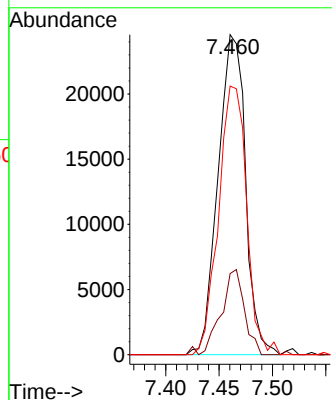
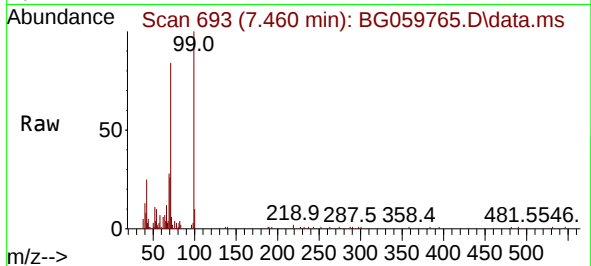




#7  
Phenol-d6  
Concen: 15.732 ng  
RT: 7.460 min Scan# 692  
Delta R.T. 0.004 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

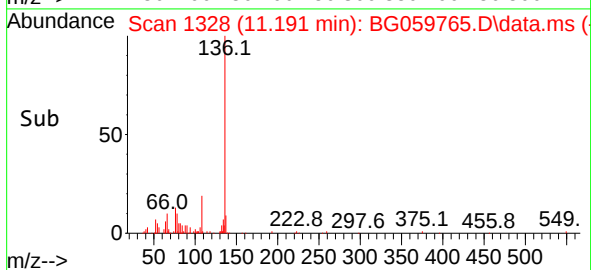
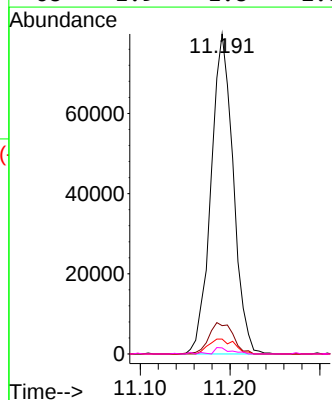
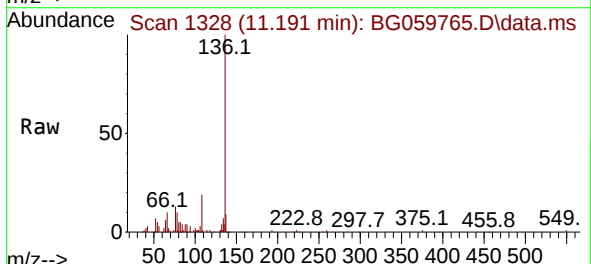
Instrument :  
BNA\_G  
ClientSampleId :  
HR-03-11102023

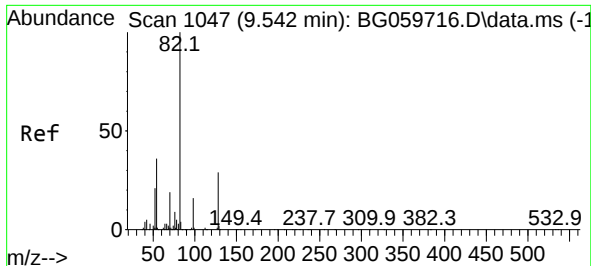
Tgt Ion: 99 Resp: 43902  
Ion Ratio Lower Upper  
99 100  
42 25.4 14.3 21.5#  
71 84.0 59.3 88.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.191 min Scan# 1328  
Delta R.T. -0.002 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

Tgt Ion: 136 Resp: 137377  
Ion Ratio Lower Upper  
136 100  
137 8.9 7.4 11.0  
54 4.7 3.1 4.7  
68 1.9 1.8 2.8

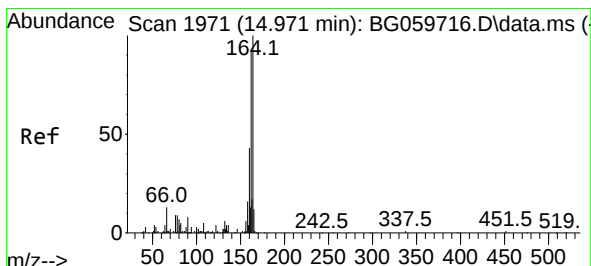
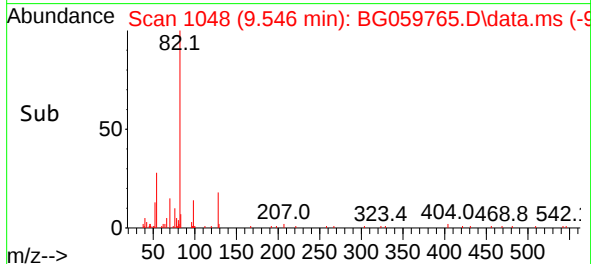
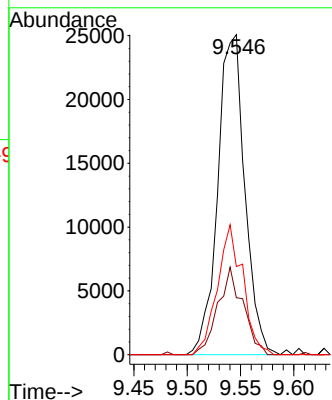
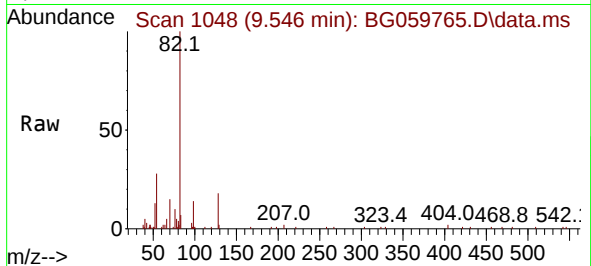




#23  
Nitrobenzene-d5  
Concen: 12.323 ng  
RT: 9.546 min Scan# 1047  
Delta R.T. 0.004 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

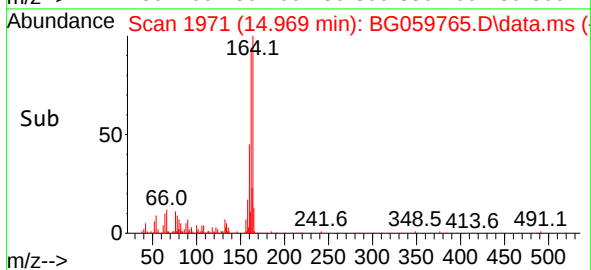
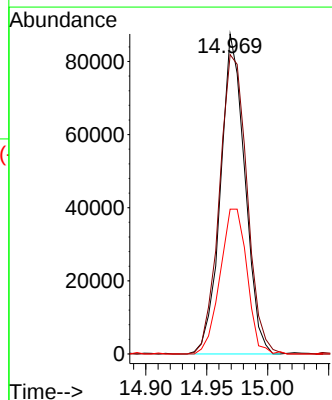
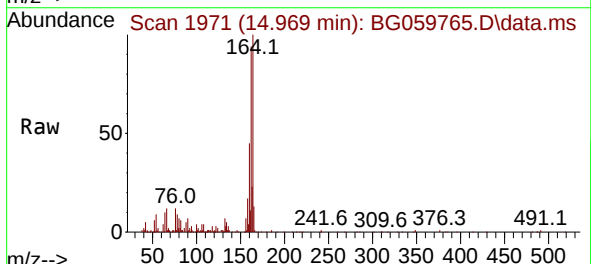
Instrument :  
BNA\_G  
ClientSampleId :  
HR-03-11102023

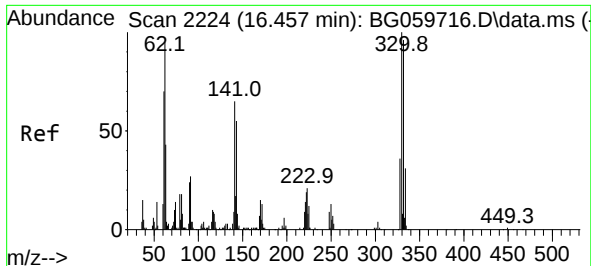
Tgt Ion: 82 Resp: 44327  
Ion Ratio Lower Upper  
82 100  
128 17.8 23.0 34.6#  
54 27.6 28.7 43.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.969 min Scan# 1971  
Delta R.T. -0.002 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

Tgt Ion:164 Resp: 121683  
Ion Ratio Lower Upper  
164 100  
162 93.5 73.3 109.9  
160 45.3 34.1 51.1

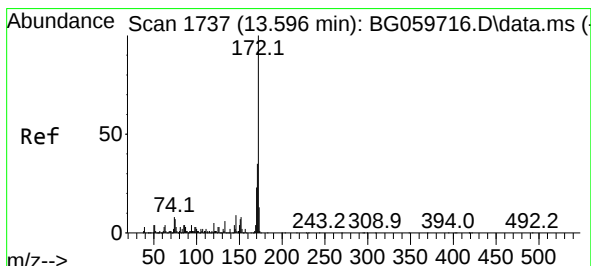
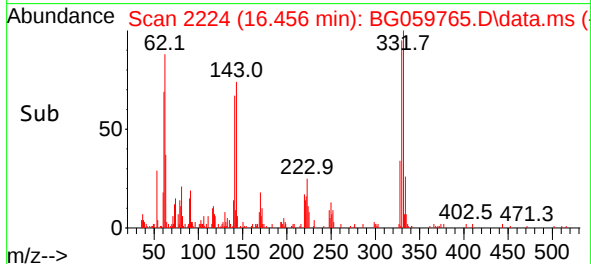
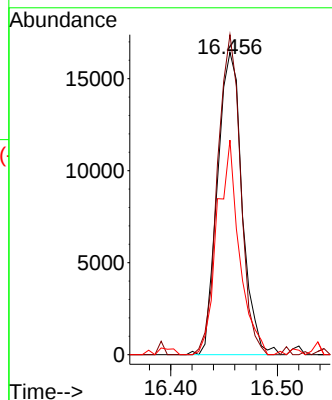
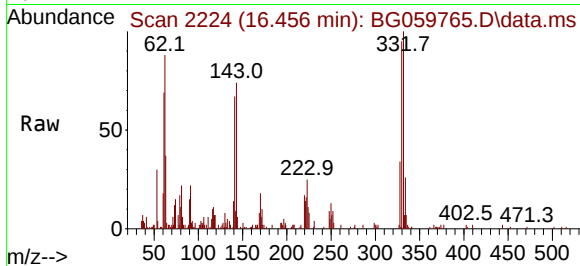




#42  
2,4,6-Tribromophenol  
Concen: 19.056 ng  
RT: 16.456 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

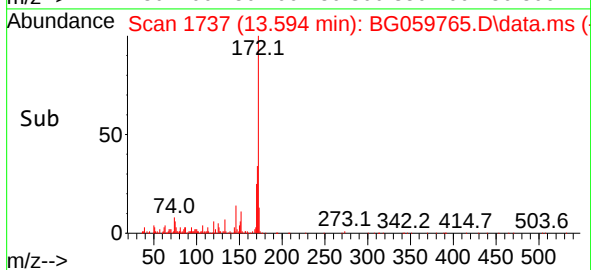
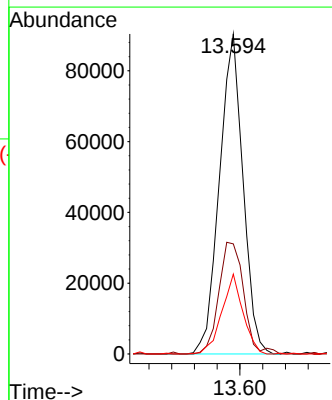
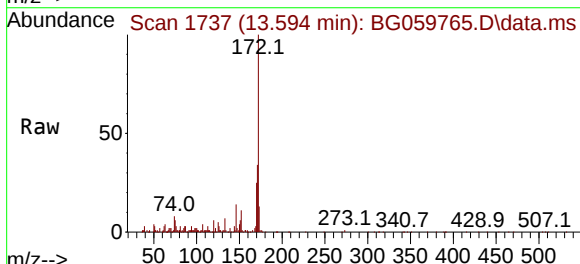
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ClientSampleId :  
HR-03-11102023

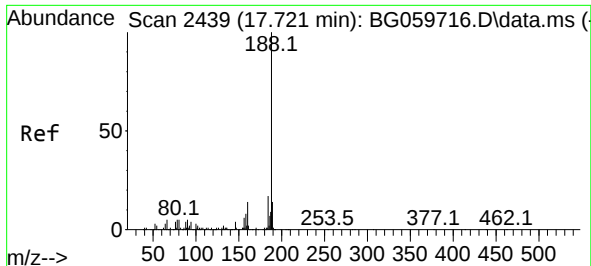
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 26309 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 98.8  | 73.3  | 109.9 |
| 141       | 64.3  | 52.1  | 78.1  |



#45  
2-Fluorobiphenyl  
Concen: 14.366 ng  
RT: 13.594 min Scan# 1737  
Delta R.T. -0.002 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 129873 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.4  | 27.7  | 41.5   |
| 170       | 24.9  | 18.4  | 27.6   |

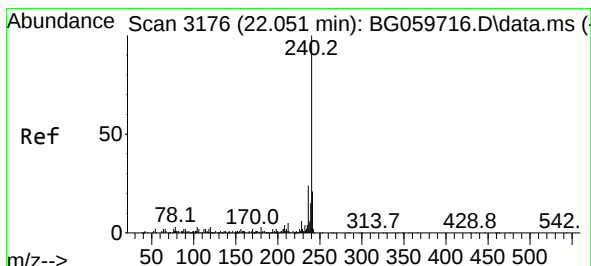
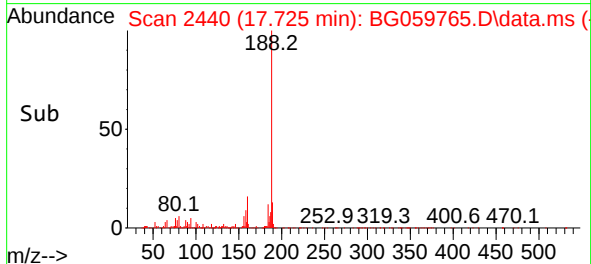
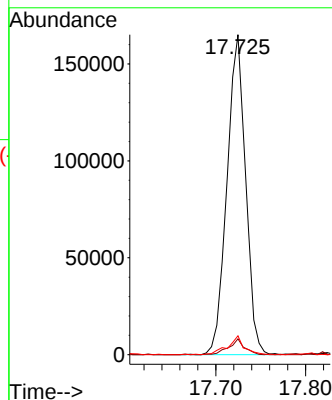
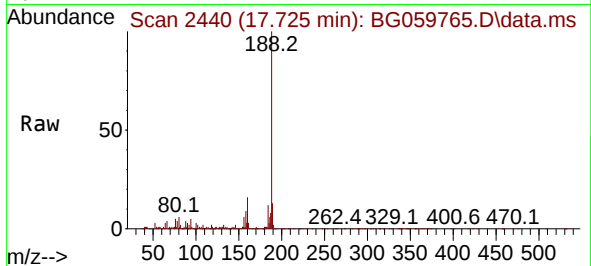




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.725 min Scan# 2439  
Delta R.T. 0.004 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

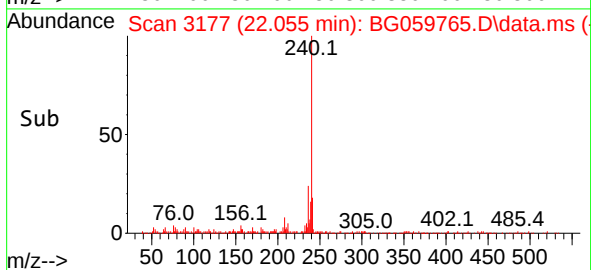
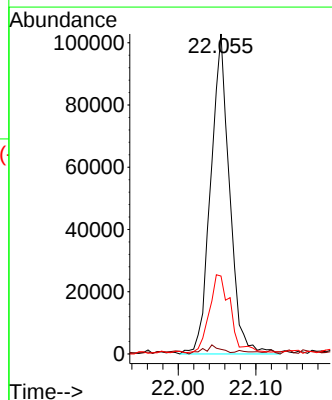
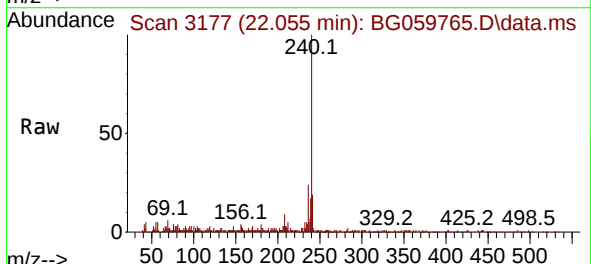
Instrument :  
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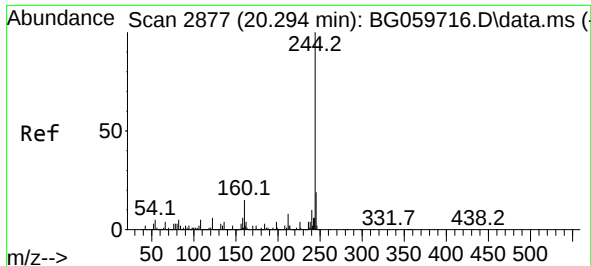
Tgt Ion:188 Resp: 237980  
Ion Ratio Lower Upper  
188 100  
94 5.0 3.0 4.4#  
80 5.9 4.2 6.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.055 min Scan# 3177  
Delta R.T. 0.004 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

Tgt Ion:240 Resp: 173676  
Ion Ratio Lower Upper  
240 100  
120 1.5 2.2 3.2#  
236 24.4 19.4 29.2

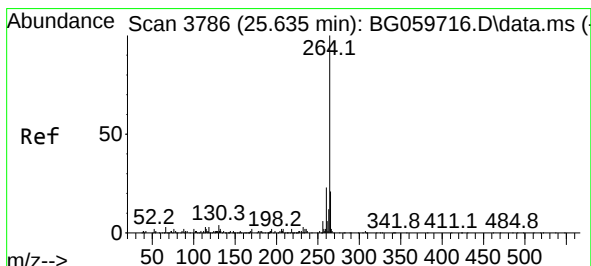
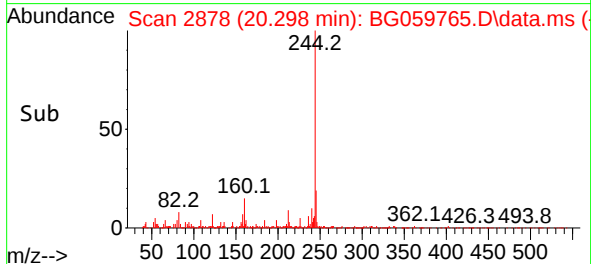
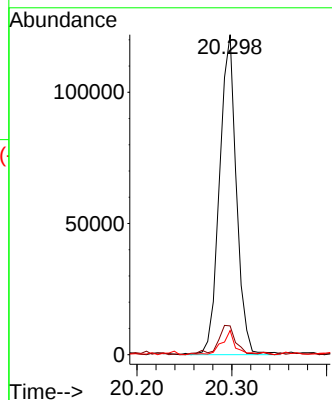
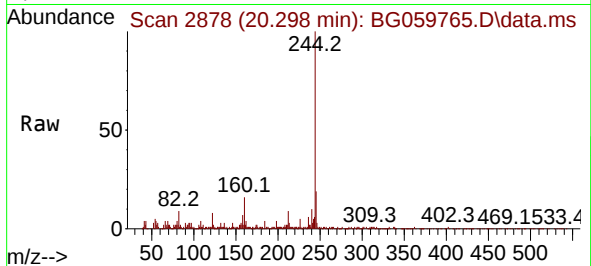




#79  
Terphenyl-d14  
Concen: 12.864 ng  
RT: 20.298 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

Instrument :  
BNA\_G  
ClientSampleId :  
HR-03-11102023

Tgt Ion:244 Resp: 151341  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.6 10.0  
122 7.6 4.4 6.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.657 min Scan# 3790  
Delta R.T. 0.022 min  
Lab File: BG059765.D  
Acq: 18 Nov 2023 15:13

Tgt Ion:264 Resp: 158368  
Ion Ratio Lower Upper  
264 100  
260 25.8 18.5 27.7  
265 19.1 17.0 25.6

