

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081523\  
 Data File : BG058732.D  
 Acq On : 15 Aug 2023 14:59  
 Operator : MA/JU  
 Sample : 04016-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-PP15A

Quant Time: Aug 15 15:41:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.811  | 152  | 42831    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.614 | 136  | 187674   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.456 | 164  | 132847   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.206 | 188  | 300249   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.448 | 240  | 258059   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.515 | 264  | 305410   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.385  | 112  | 180269   | 64.330 | ng    | 0.00     |
| 7) Phenol-d6                | 6.983  | 99   | 258840   | 66.382 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.974  | 82   | 152952   | 40.037 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.949 | 330  | 120514   | 55.346 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.076 | 172  | 379675   | 42.830 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.821 | 244  | 615123   | 44.825 | ng    | 0.00     |

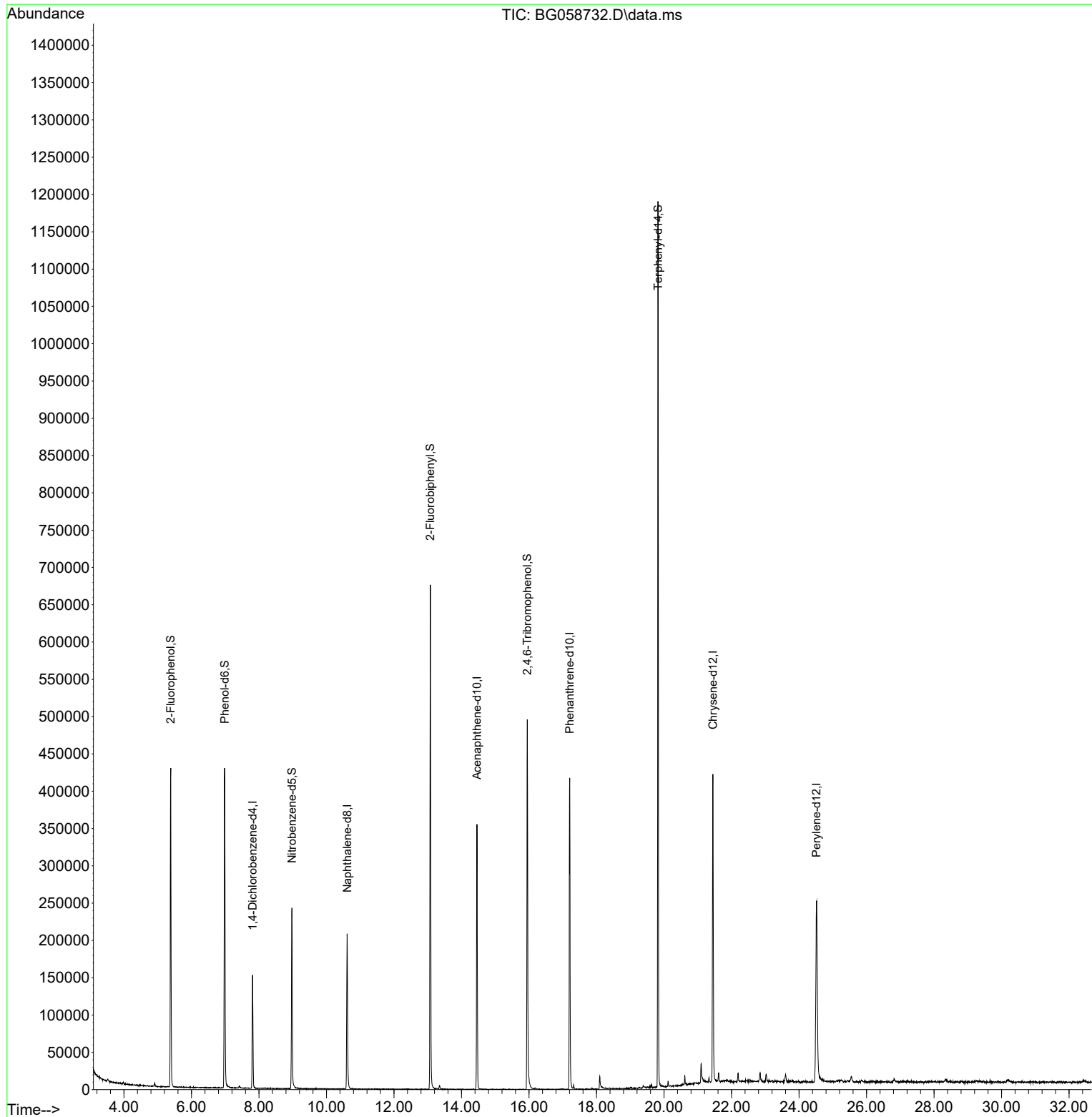
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

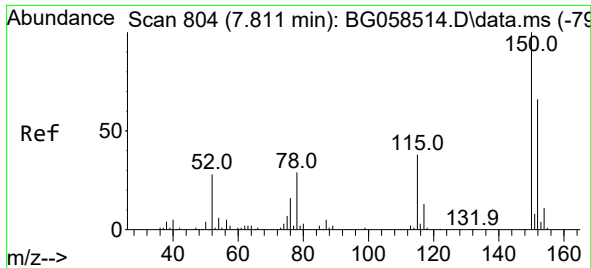
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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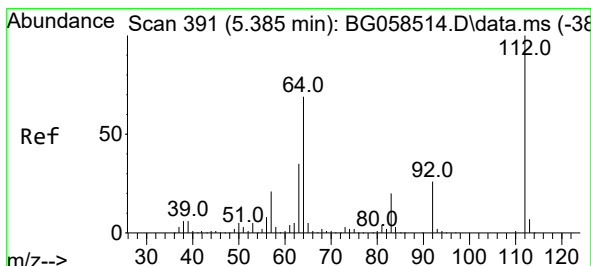
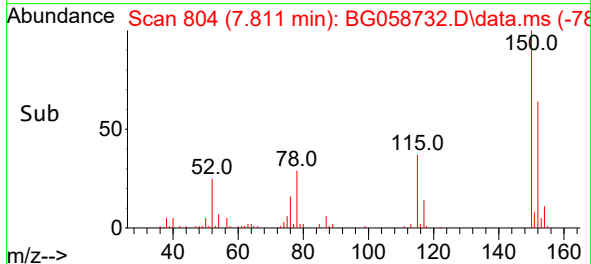
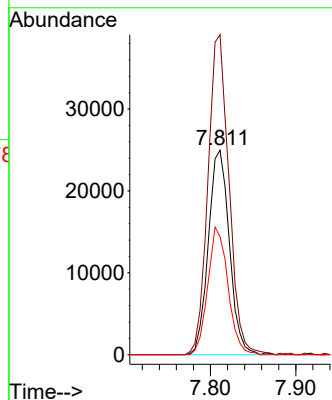
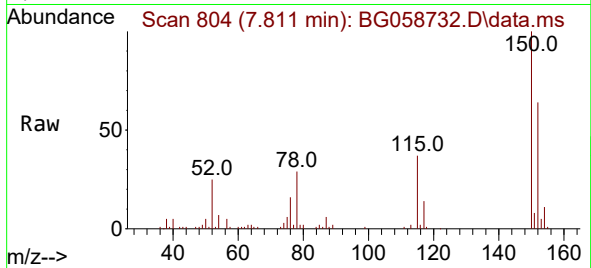




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.811 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

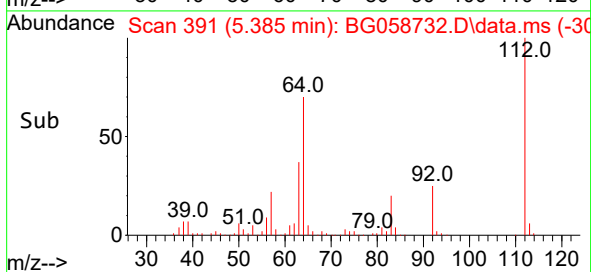
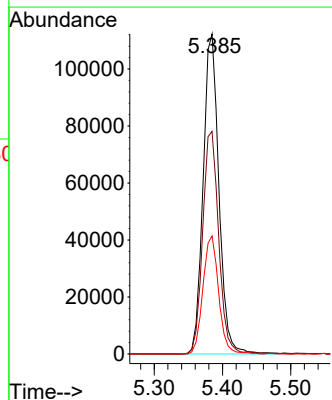
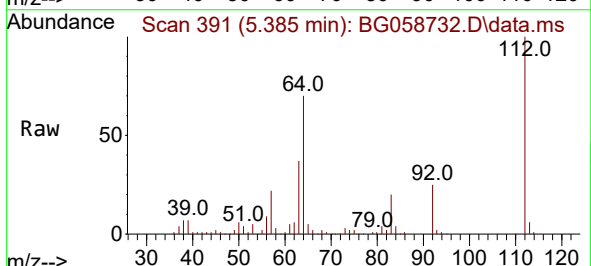
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BNA\_G  
ClientSampleId :  
B-PP15A

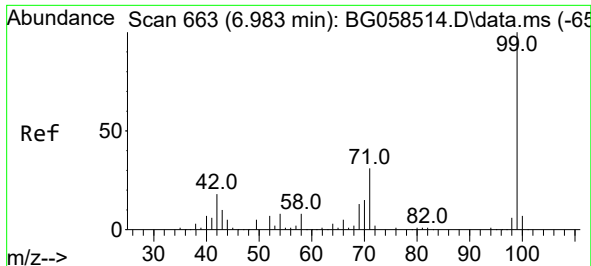
Tgt Ion:152 Resp: 42831  
Ion Ratio Lower Upper  
152 100  
150 156.5 120.5 180.7  
115 57.6 45.9 68.9



#5  
2-Fluorophenol  
Concen: 64.330 ng  
RT: 5.385 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

Tgt Ion:112 Resp: 180269  
Ion Ratio Lower Upper  
112 100  
64 69.5 55.3 82.9  
63 36.9 28.3 42.5

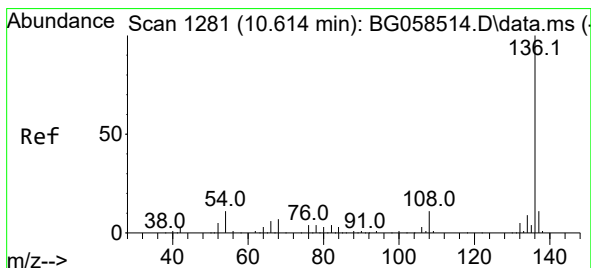
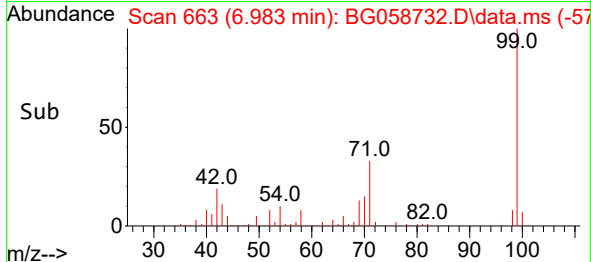
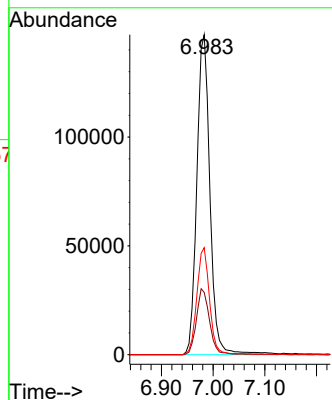
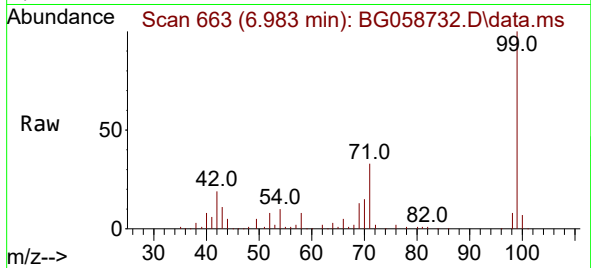




#7  
Phenol-d6  
Concen: 66.382 ng  
RT: 6.983 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

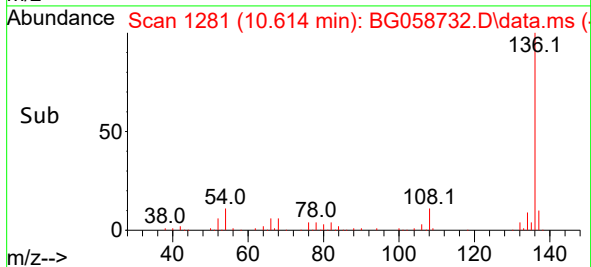
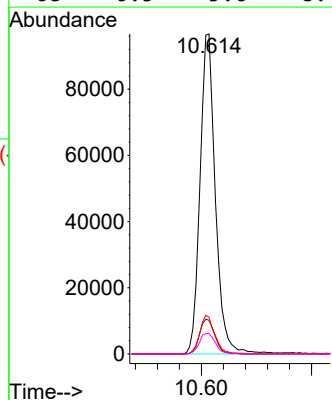
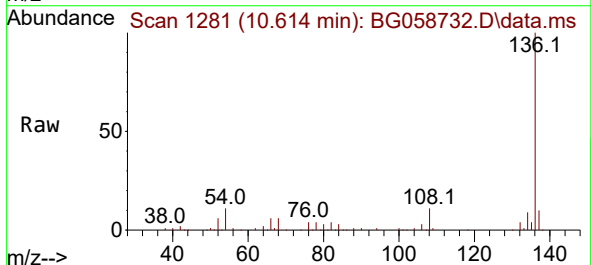
Instrument :  
BNA\_G  
ClientSampleId :  
B-PP15A

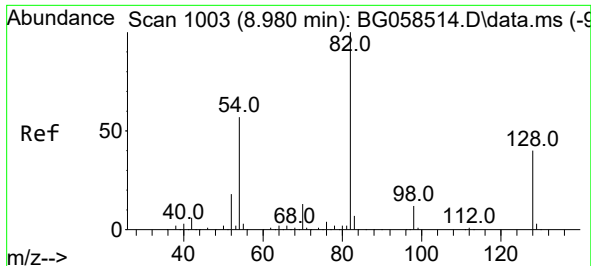
Tgt Ion: 99 Resp: 258840  
Ion Ratio Lower Upper  
99 100  
42 19.4 14.6 21.8  
71 33.5 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

Tgt Ion: 136 Resp: 187674  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 11.5 8.9 13.3  
68 6.5 5.6 8.4

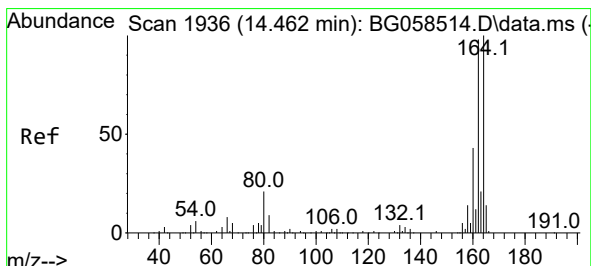
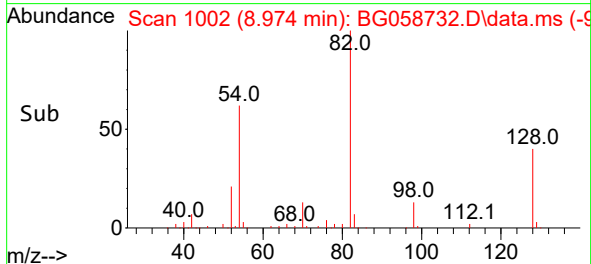
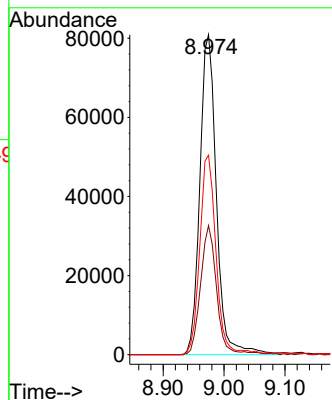
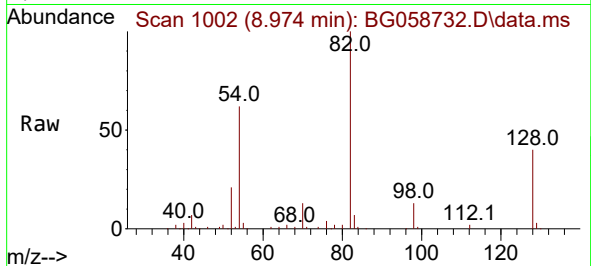




#23  
Nitrobenzene-d5  
Concen: 40.037 ng  
RT: 8.974 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

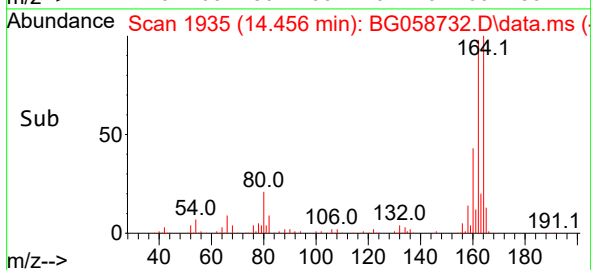
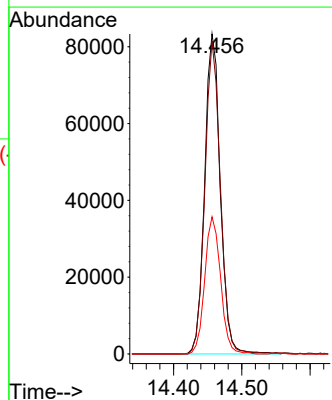
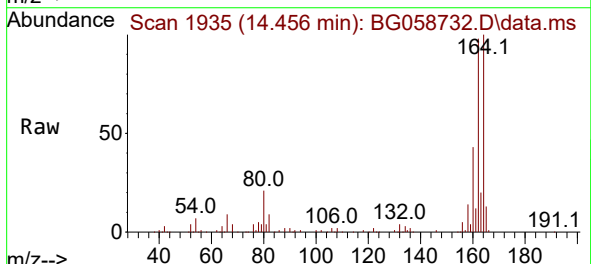
Instrument :  
BNA\_G  
ClientSampleId :  
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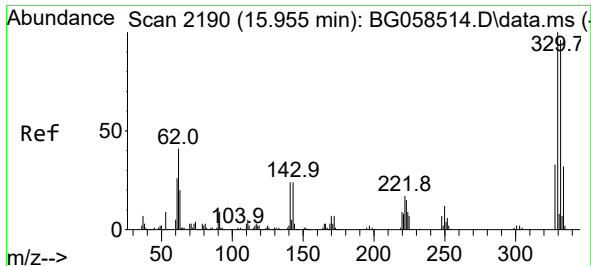
Tgt Ion: 82 Resp: 152952  
Ion Ratio Lower Upper  
82 100  
128 40.3 32.2 48.2  
54 62.4 46.0 69.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.456 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

Tgt Ion:164 Resp: 132847  
Ion Ratio Lower Upper  
164 100  
162 97.8 78.3 117.5  
160 42.9 34.1 51.1

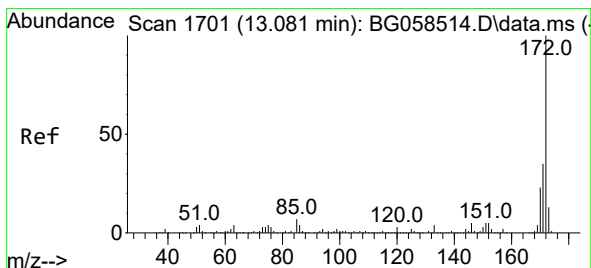
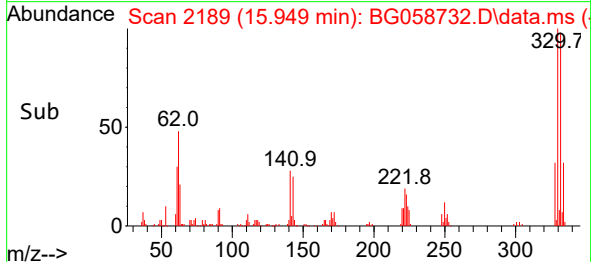
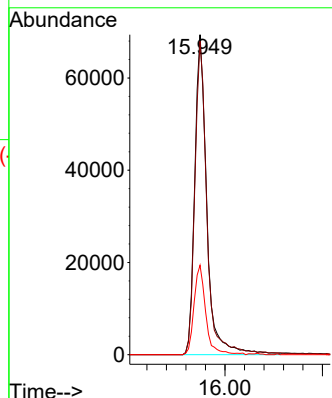
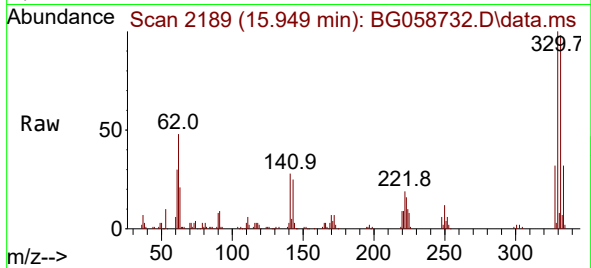




#42  
 2,4,6-Tribromophenol  
 Concen: 55.346 ng  
 RT: 15.949 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG058732.D  
 Acq: 15 Aug 2023 14:59

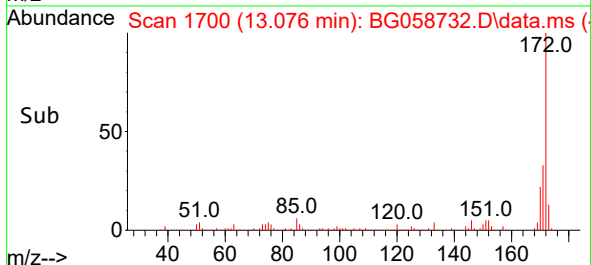
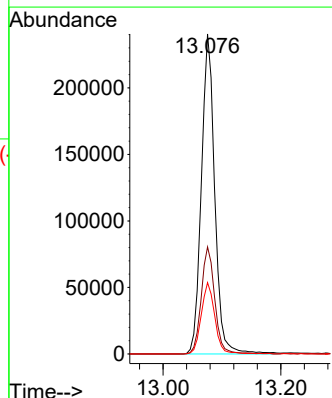
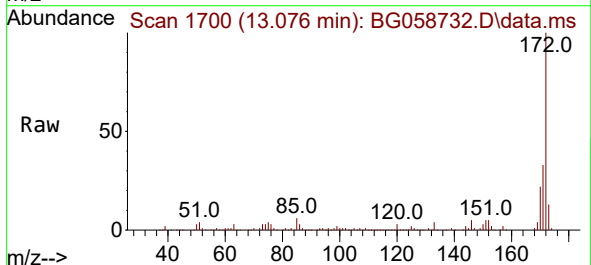
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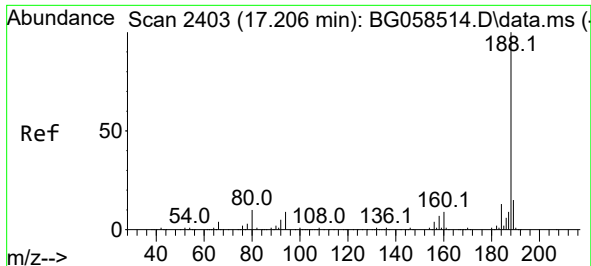
Tgt Ion:330 Resp: 120514  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 77.5 116.3  
 141 26.8 20.7 31.1



#45  
 2-Fluorobiphenyl  
 Concen: 42.830 ng  
 RT: 13.076 min Scan# 1700  
 Delta R.T. -0.006 min  
 Lab File: BG058732.D  
 Acq: 15 Aug 2023 14:59

Tgt Ion:172 Resp: 379675  
 Ion Ratio Lower Upper  
 172 100  
 171 33.4 28.0 42.0  
 170 22.3 18.4 27.6

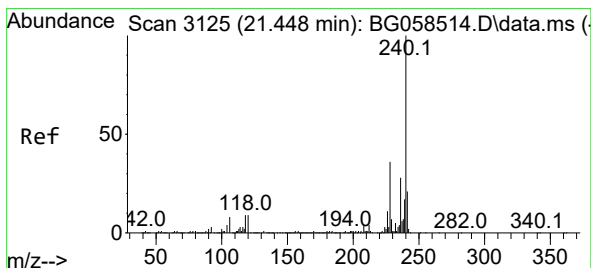
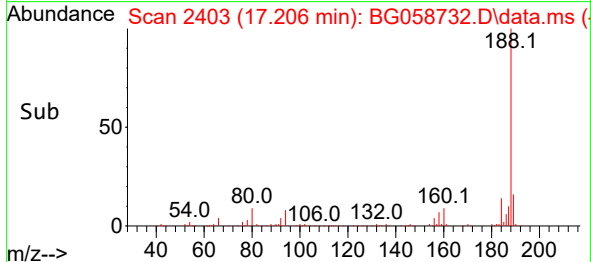
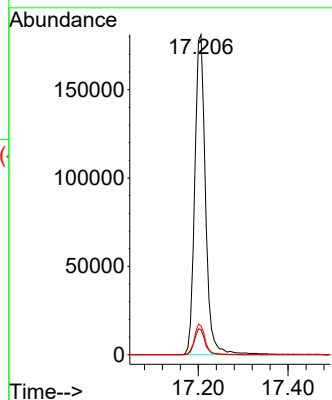
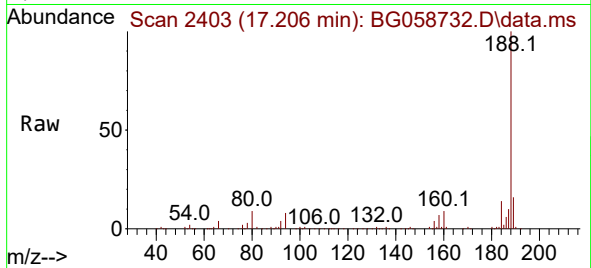




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.206 min Scan# 2403  
Delta R.T. -0.000 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

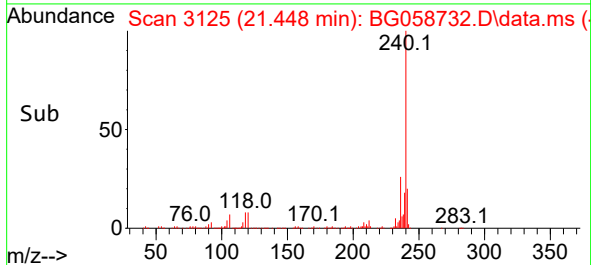
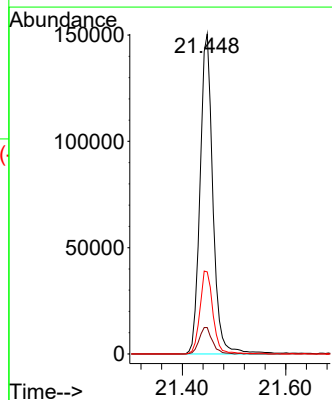
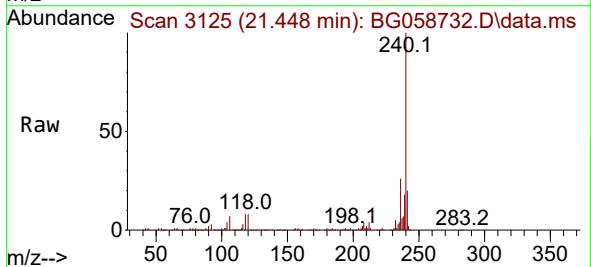
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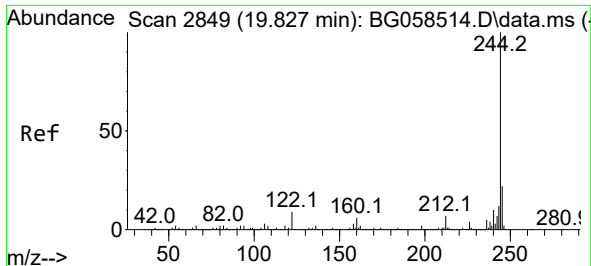
Tgt Ion:188 Resp: 300249  
Ion Ratio Lower Upper  
188 100  
94 7.9 7.0 10.6  
80 9.0 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.448 min Scan# 3125  
Delta R.T. -0.000 min  
Lab File: BG058732.D  
Acq: 15 Aug 2023 14:59

Tgt Ion:240 Resp: 258059  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.4 11.0  
236 25.6 22.2 33.4

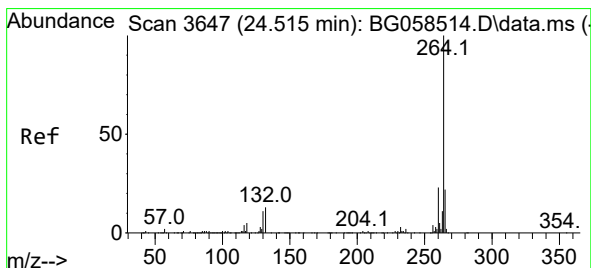
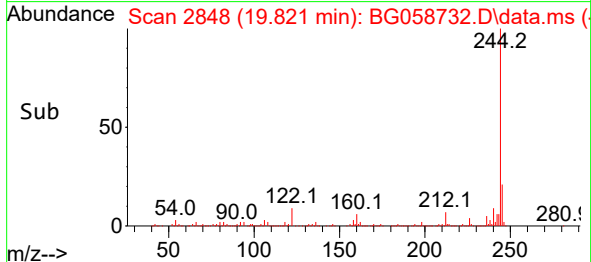
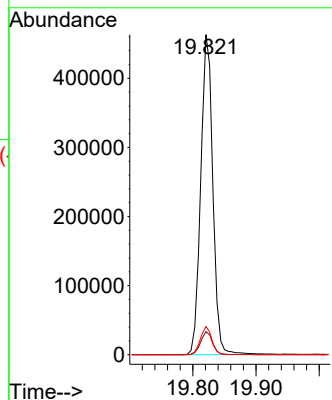
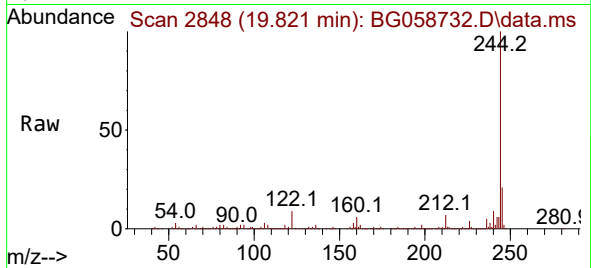




#79  
 Terphenyl-d14  
 Concen: 44.825 ng  
 RT: 19.821 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG058732.D  
 Acq: 15 Aug 2023 14:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-PP15A

Tgt Ion:244 Resp: 615123  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 8.8 6.8 10.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.515 min Scan# 3647  
 Delta R.T. -0.000 min  
 Lab File: BG058732.D  
 Acq: 15 Aug 2023 14:59

Tgt Ion:264 Resp: 305410  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.4 27.6  
 265 21.6 17.9 26.9

