

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012821\  
 Data File : BG048061.D  
 Acq On : 28 Jan 2021 17:05  
 Operator : CG/JU  
 Sample : M1257-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-11938-1

Quant Time: Jan 28 17:53:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 25 19:39:42 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.118  | 152  | 43418    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.932 | 136  | 155216   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.745 | 164  | 109883   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.483 | 188  | 273893   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.761 | 240  | 327709   | 20.00 | ng    | #-0.01   |
| 86) Perylene-d12            | 25.039 | 264  | 346341   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.680  | 112  | 129028   | 45.67 | ng    | 0.00     |
| 7) Phenol-d6                | 7.266  | 99   | 291634   | 67.89 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.281  | 82   | 266479   | 67.93 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.226 | 330  | 69965    | 38.23 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.371 | 172  | 581445   | 68.41 | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.086 | 244  | 1085994  | 57.46 | ng    | 0.00     |

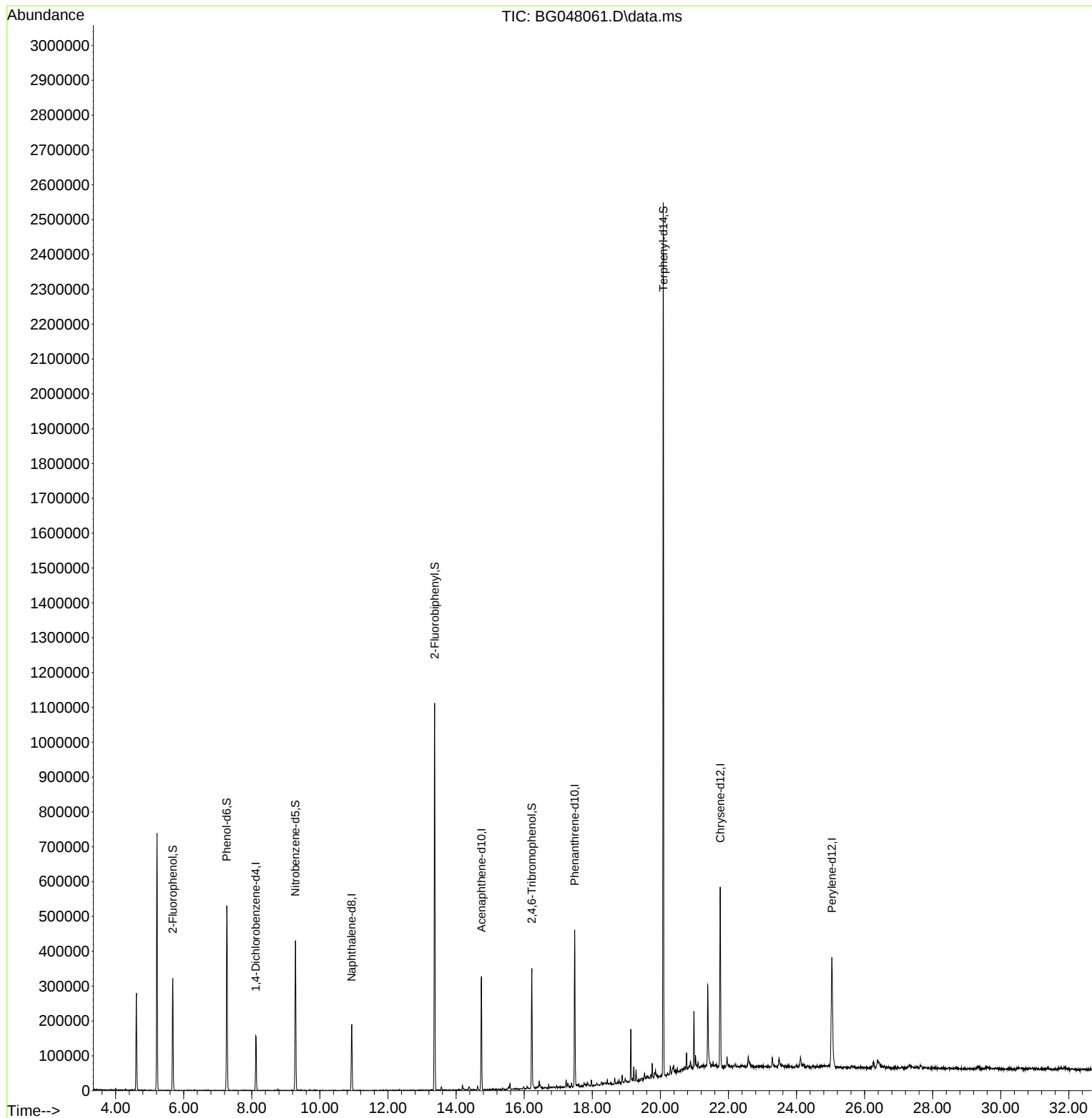
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

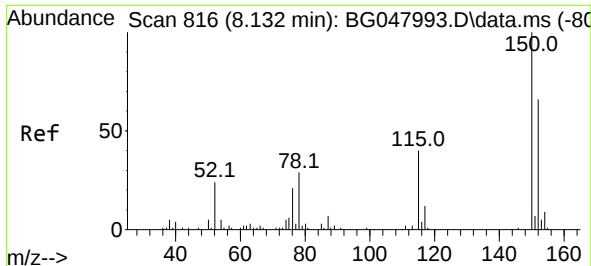
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012821\  
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Sample : M1257-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
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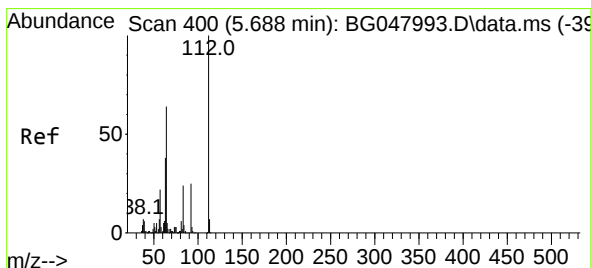
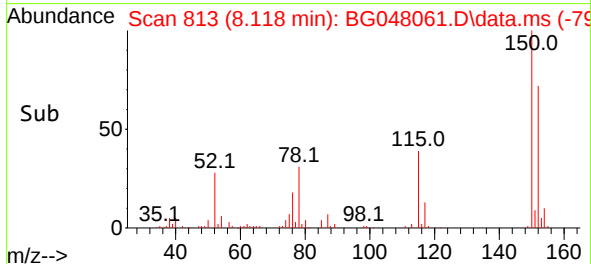
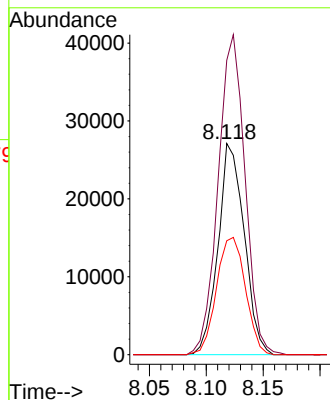
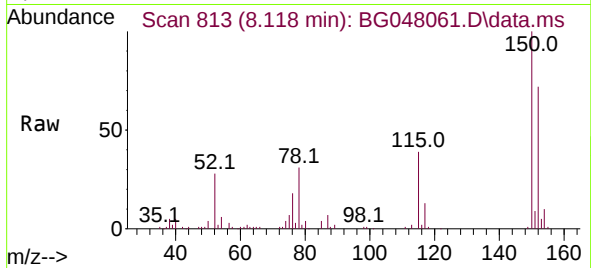




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.118 min Scan# 813  
Delta R.T. -0.014 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

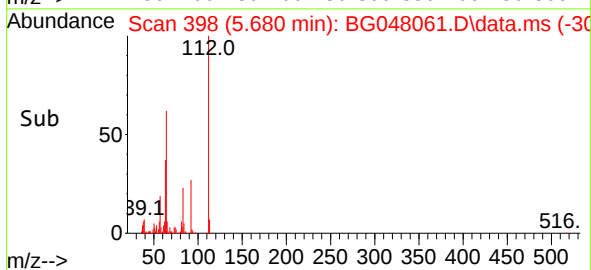
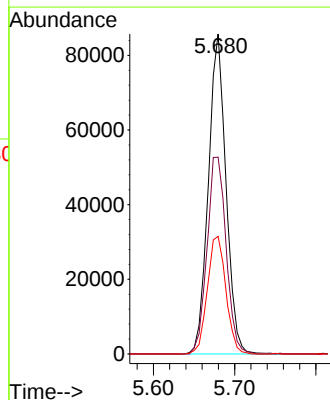
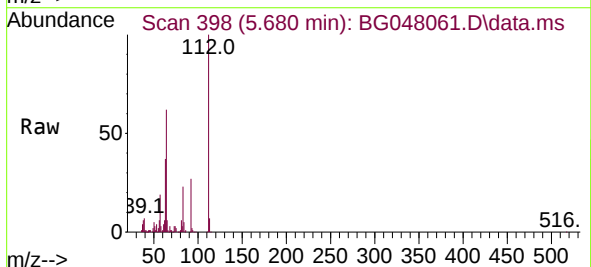
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BNA\_G  
ClientSampleID :  
72-11938-1

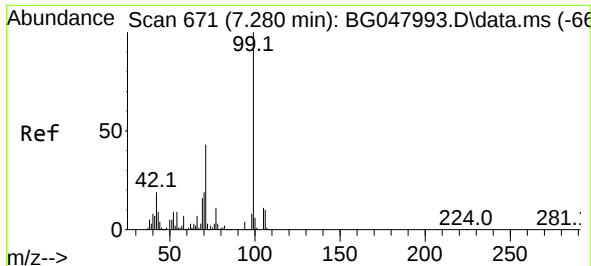
Tgt Ion:152 Resp: 43418  
Ion Ratio Lower Upper  
152 100  
150 139.4 125.0 187.6  
115 54.0 41.8 62.6



#5  
2-Fluorophenol  
Concen: 45.67 ng  
RT: 5.680 min Scan# 398  
Delta R.T. -0.009 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

Tgt Ion:112 Resp: 129028  
Ion Ratio Lower Upper  
112 100  
64 61.5 46.7 70.1  
63 36.7 22.8 34.2#

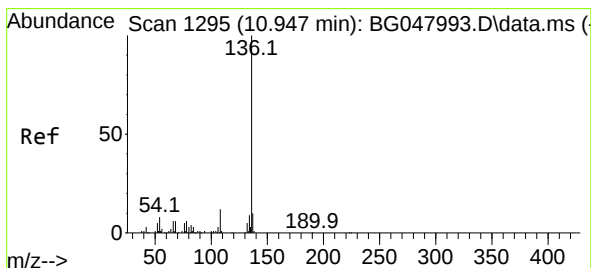
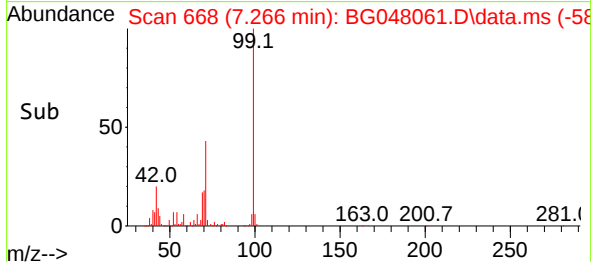
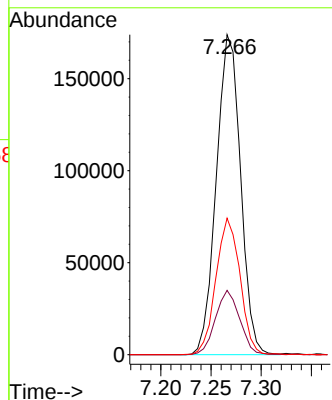
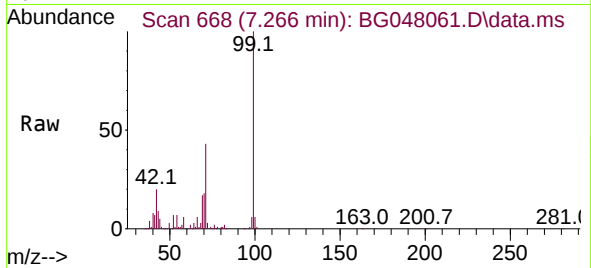




#7  
Phenol-d6  
Concen: 67.89 ng  
RT: 7.266 min Scan# 668  
Delta R.T. -0.015 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

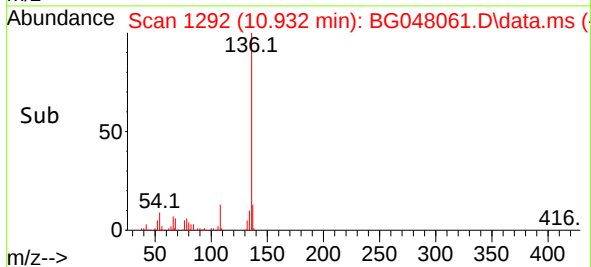
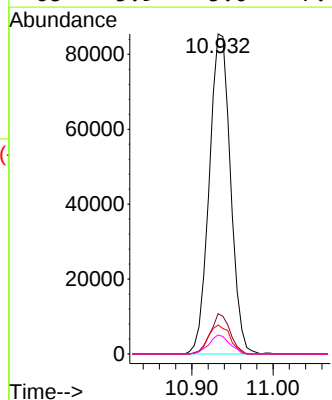
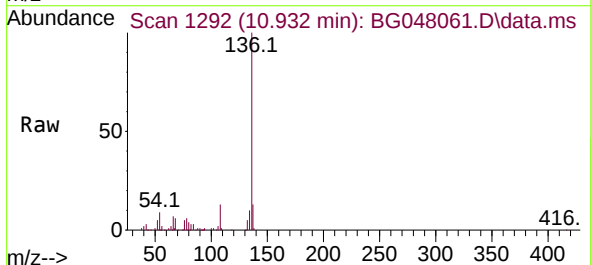
Instrument :  
BNA\_G  
ClientSampleId :  
72-11938-1

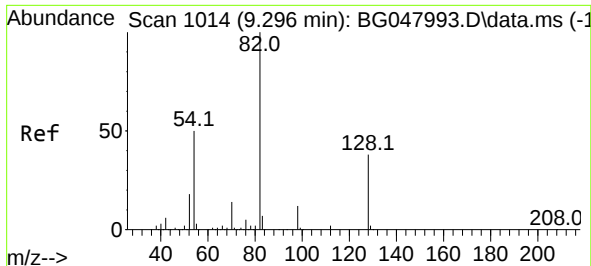
Tgt Ion: 99 Resp: 291634  
Ion Ratio Lower Upper  
99 100  
42 20.1 12.8 19.2#  
71 42.6 24.6 36.8#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.932 min Scan# 1292  
Delta R.T. -0.015 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

Tgt Ion: 136 Resp: 155216  
Ion Ratio Lower Upper  
136 100  
137 12.6 9.1 13.7  
54 9.0 6.2 9.4  
68 5.9 5.0 7.4

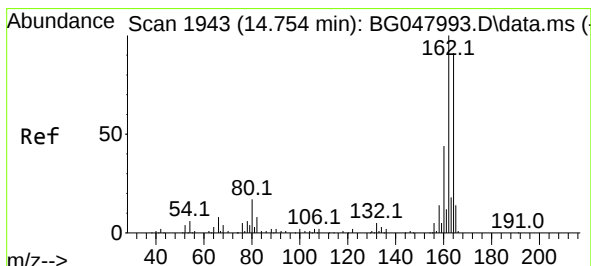
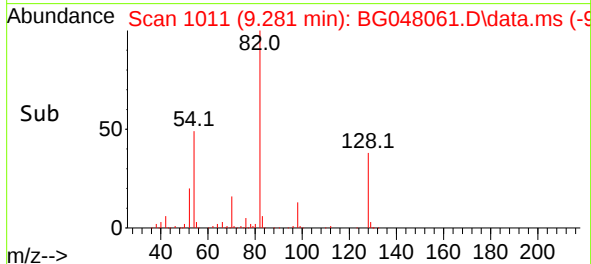
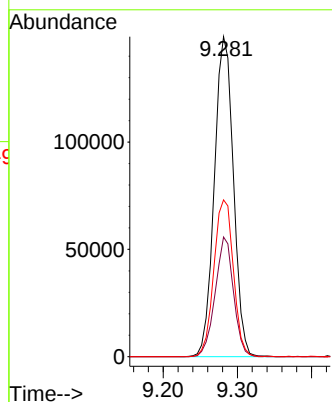
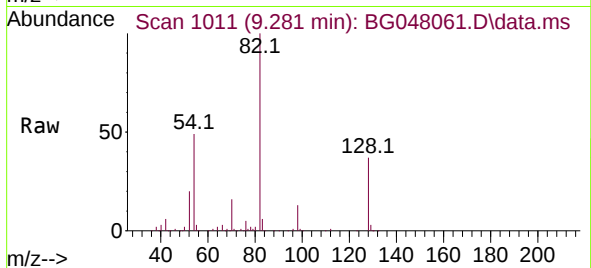




#23  
Nitrobenzene-d5  
Concen: 67.93 ng  
RT: 9.281 min Scan# 1011  
Delta R.T. -0.015 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

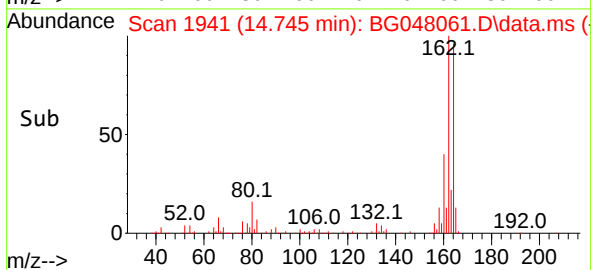
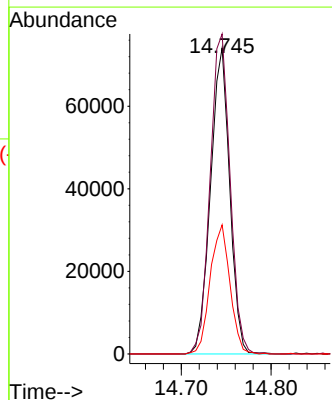
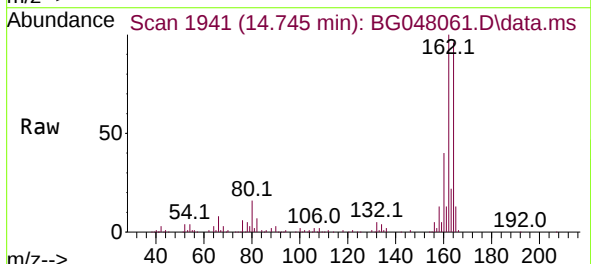
Instrument :  
BNA\_G  
ClientSampleId :  
72-11938-1

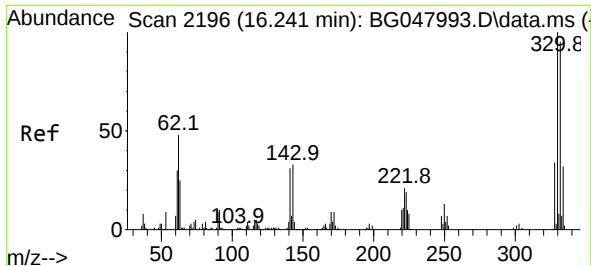
Tgt Ion: 82 Resp: 266479  
Ion Ratio Lower Upper  
82 100  
128 37.4 37.0 55.6  
54 49.0 39.0 58.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.745 min Scan# 1941  
Delta R.T. -0.009 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

Tgt Ion:164 Resp: 109883  
Ion Ratio Lower Upper  
164 100  
162 104.5 82.3 123.5  
160 42.2 35.3 52.9

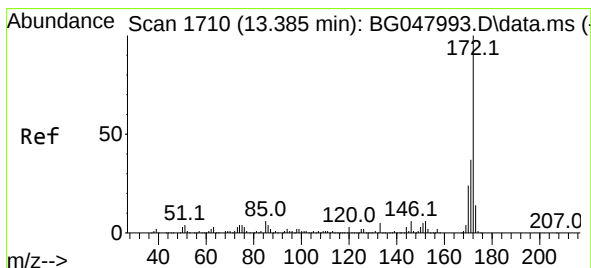
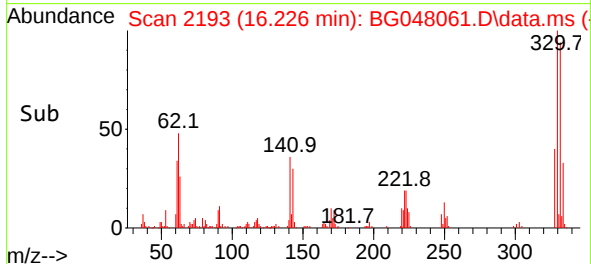
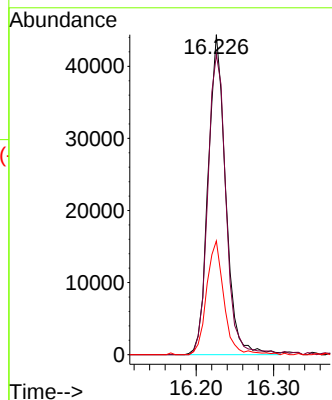
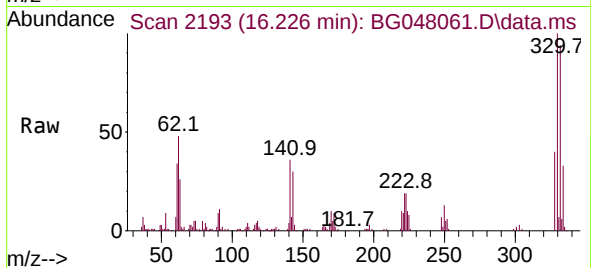




#42  
2,4,6-Tribromophenol  
Concen: 38.23 ng  
RT: 16.226 min Scan# 2193  
Delta R.T. -0.015 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

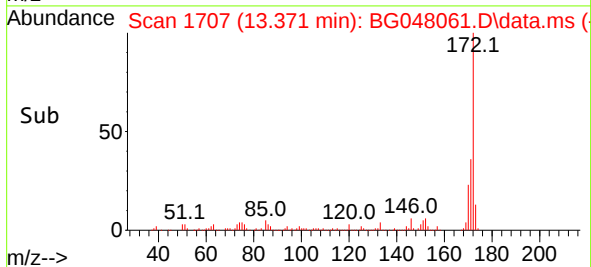
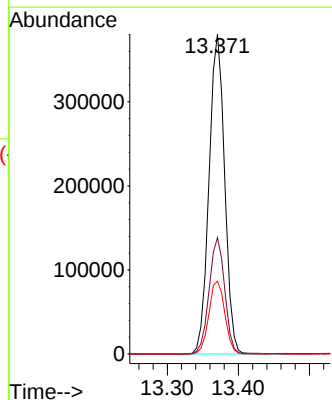
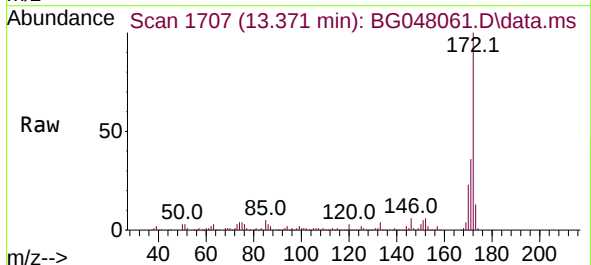
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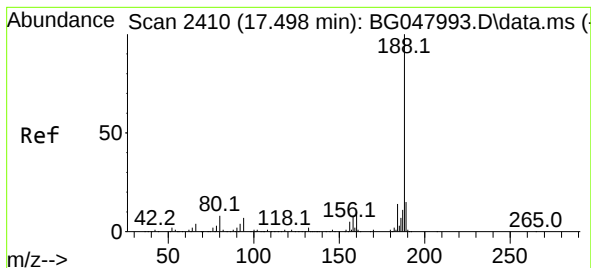
Tgt Ion:330 Resp: 69965  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.5 114.7  
141 35.2 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 68.41 ng  
RT: 13.371 min Scan# 1707  
Delta R.T. -0.014 min  
Lab File: BG048061.D  
Acq: 28 Jan 2021 17:05

Tgt Ion:172 Resp: 581445  
Ion Ratio Lower Upper  
172 100  
171 36.4 31.3 46.9  
170 22.7 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.483 min Scan# 2407

Delta R.T. -0.014 min

Lab File: BG048061.D

Acq: 28 Jan 2021 17:05

Tgt Ion:188 Resp: 273893

Ion Ratio Lower Upper

188 100

94 6.6 6.3 9.5

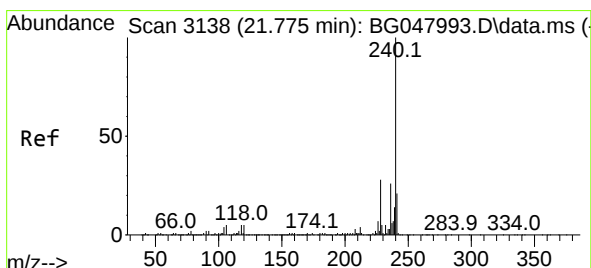
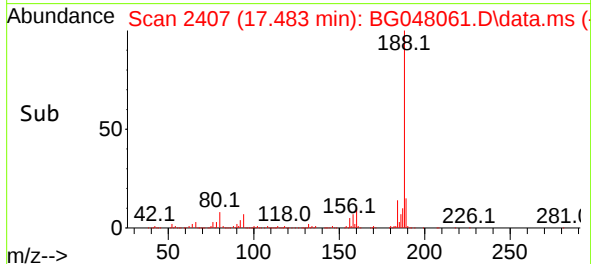
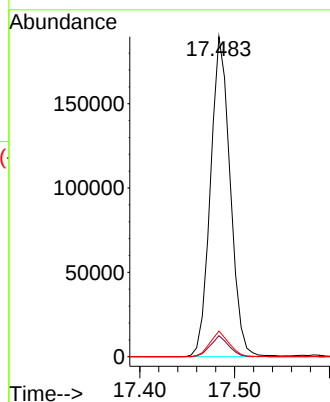
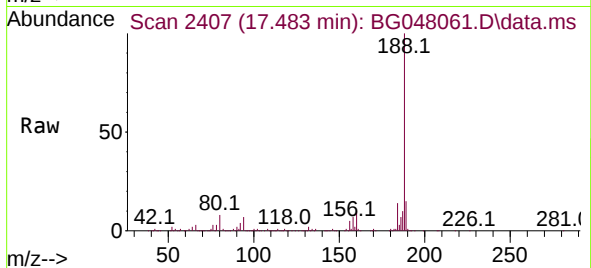
80 8.0 7.0 10.6

Instrument :

BNA\_G

ClientSampleId :

72-11938-1



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.761 min Scan# 3135

Delta R.T. -0.014 min

Lab File: BG048061.D

Acq: 28 Jan 2021 17:05

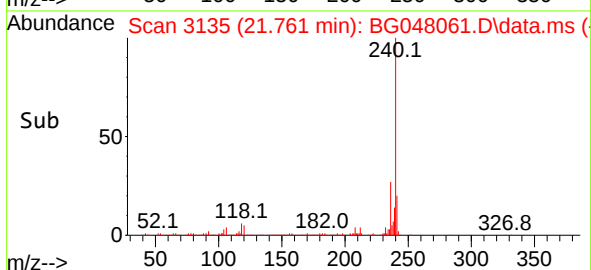
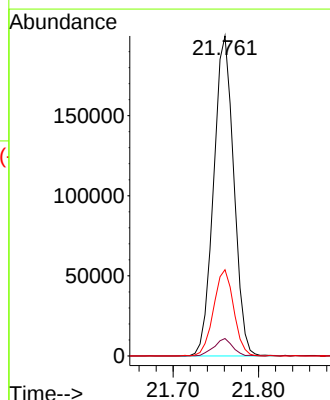
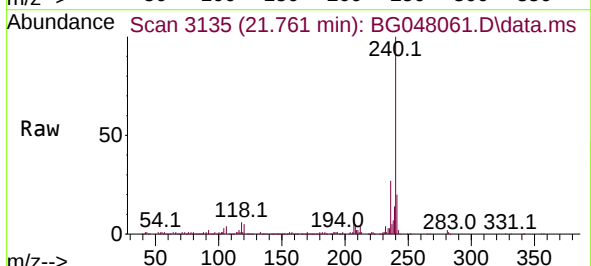
Tgt Ion:240 Resp: 327709

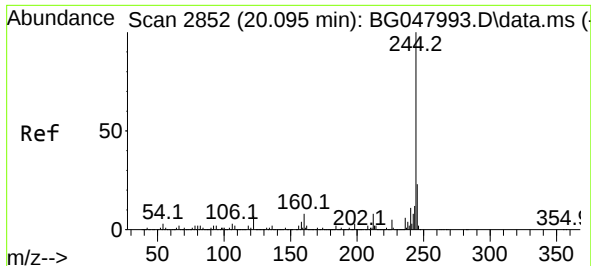
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240 100

120 5.4 6.2 9.4#

236 27.0 20.5 30.7

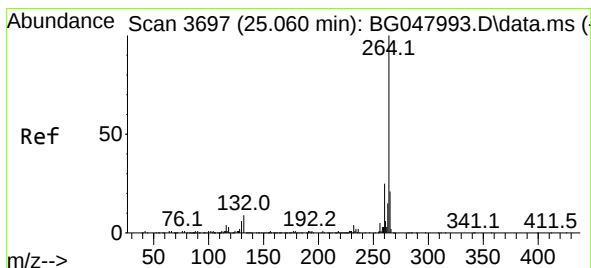
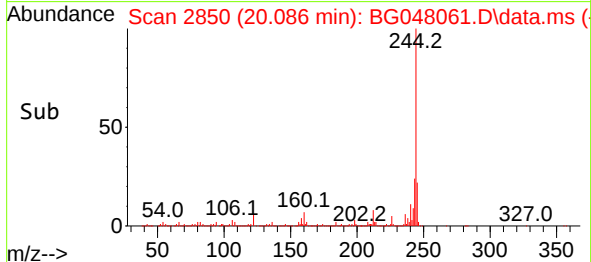
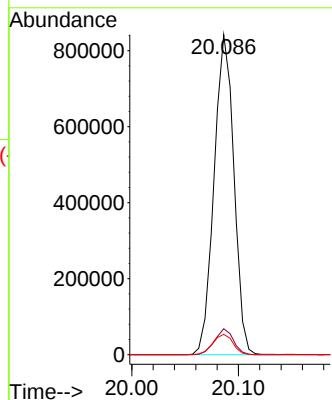
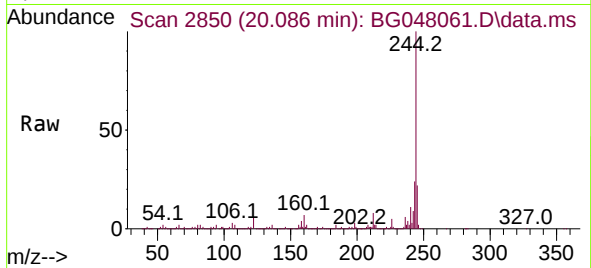




#79  
 Terphenyl-d14  
 Concen: 57.46 ng  
 RT: 20.086 min Scan# 2850  
 Delta R.T. -0.009 min  
 Lab File: BG048061.D  
 Acq: 28 Jan 2021 17:05

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Tgt Ion:244 Resp: 1085994  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.7 10.1  
 122 6.4 7.8 11.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.039 min Scan# 3693  
 Delta R.T. -0.020 min  
 Lab File: BG048061.D  
 Acq: 28 Jan 2021 17:05

Tgt Ion:264 Resp: 346341  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 18.8 28.2  
 265 21.5 17.8 26.8

