

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102820\  
 Data File : BG047103.D  
 Acq On : 28 Oct 2020 11:16  
 Operator : CG/JU  
 Sample : PB132419BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB132419BL

Quant Time: Oct 28 12:21:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG102720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 27 02:55:38 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.056  | 152  | 53745    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.870 | 136  | 198109   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.683 | 164  | 135887   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.427 | 188  | 338232   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.699 | 240  | 398572   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.930 | 264  | 406244   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.617  | 112  | 416798   | 137.47 | ng    | 0.00     |
| 7) Phenol-d6                | 7.210  | 99   | 538512   | 122.82 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.219  | 82   | 393836   | 95.20  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.176 | 330  | 277022   | 127.19 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.308 | 172  | 922430   | 95.97  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.036 | 244  | 1750798  | 85.41  | ng    | 0.00     |

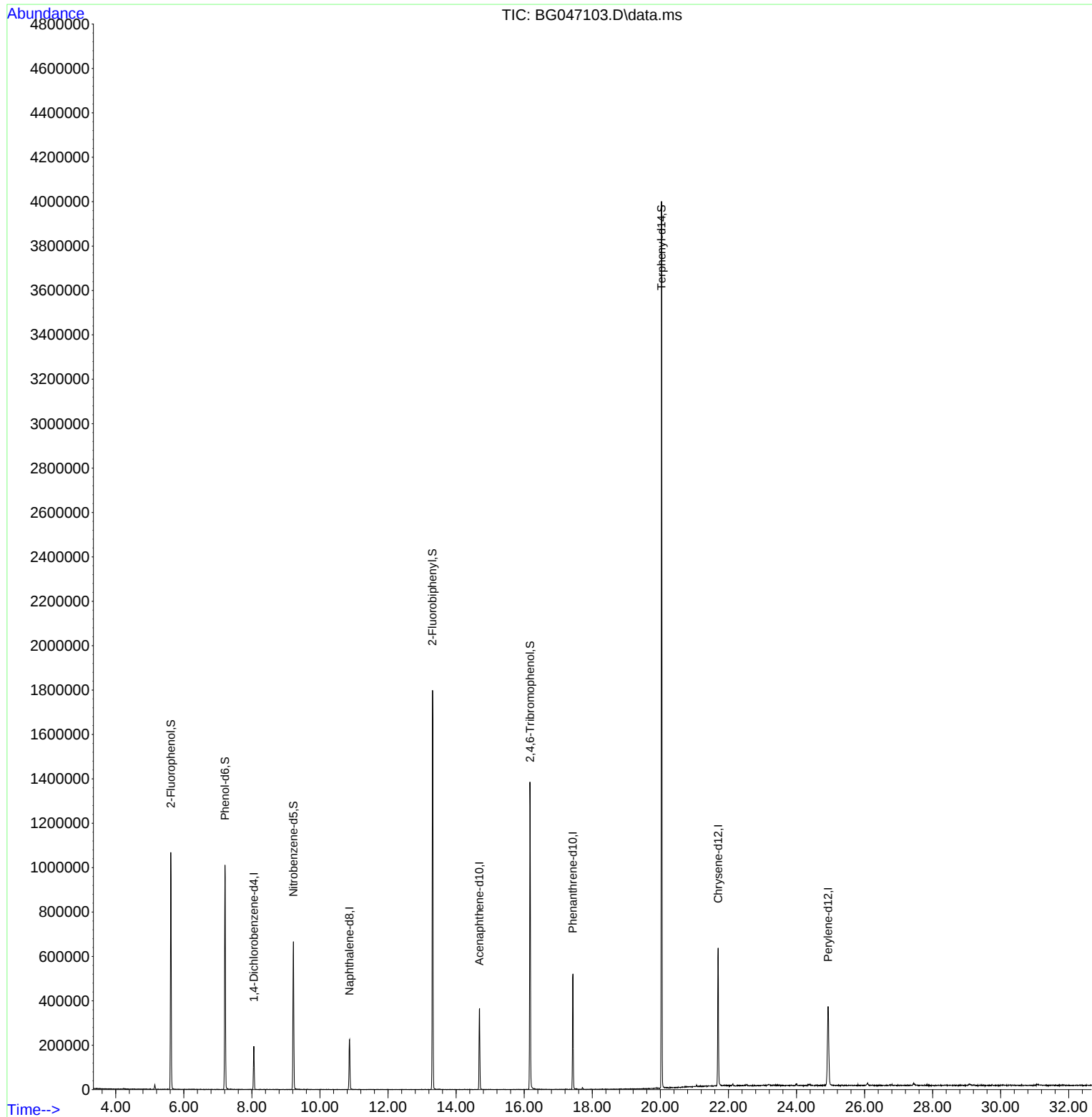
| Target Compounds | Qvalue |
|------------------|--------|
| -----            | -----  |

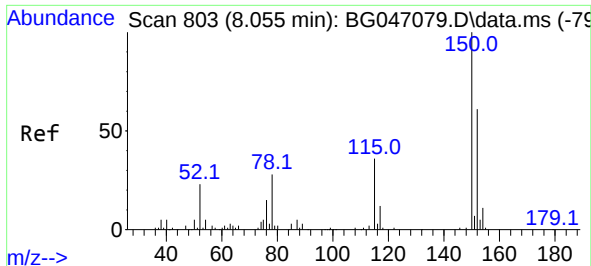
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102820\  
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Sample : PB132419BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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QLast Update : Tue Oct 27 02:55:38 2020  
Response via : Initial Calibration

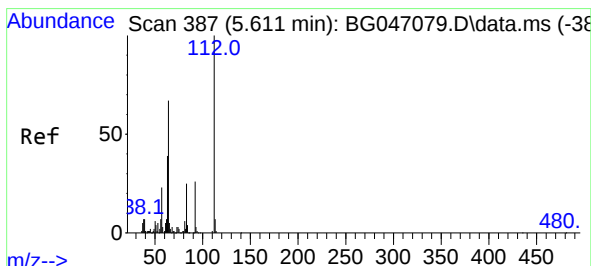
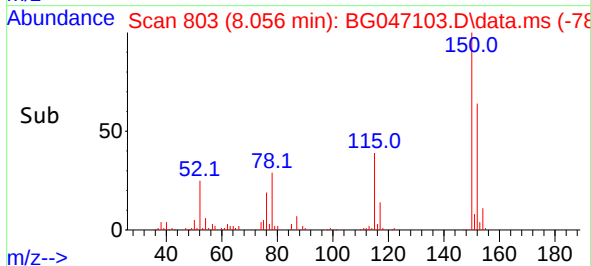
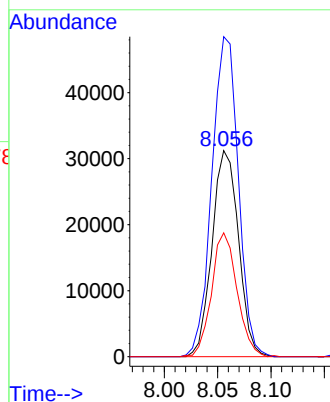
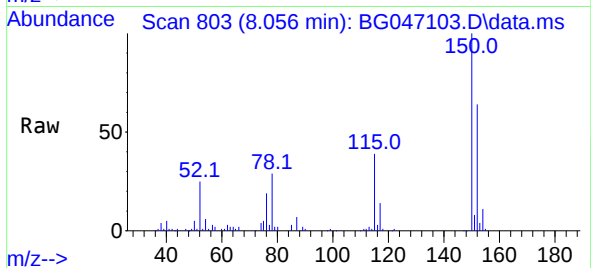




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.056 min Scan# 803  
Delta R.T. 0.001 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

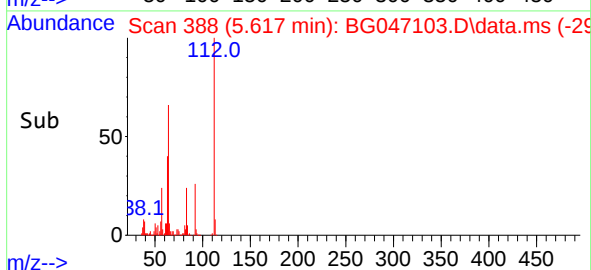
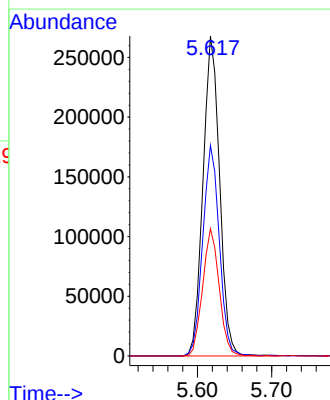
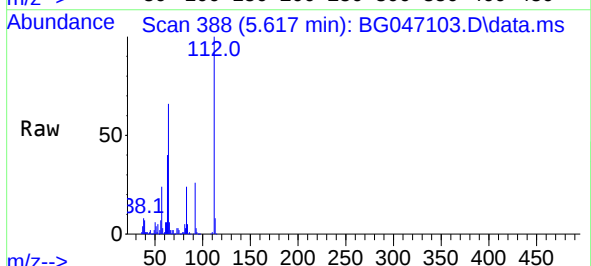
Instrument :  
BNA\_G  
ClientSampleId :  
PB132419BL

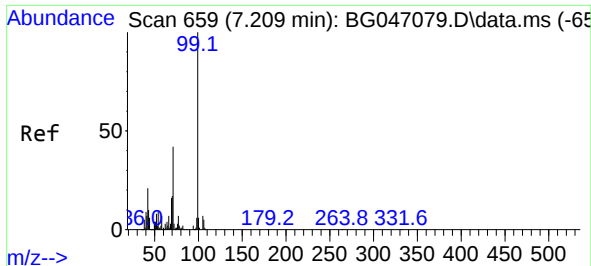
Tgt Ion:152 Resp: 53745  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.0 187.6  
115 60.0 41.8 62.6



#5  
2-Fluorophenol  
Concen: 137.47 ng  
RT: 5.617 min Scan# 388  
Delta R.T. 0.006 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

Tgt Ion:112 Resp: 416798  
Ion Ratio Lower Upper  
112 100  
64 65.8 46.7 70.1  
63 39.8 22.8 34.2#

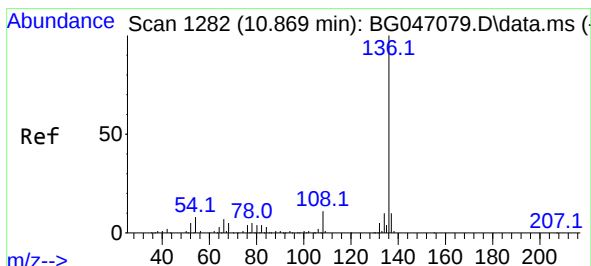
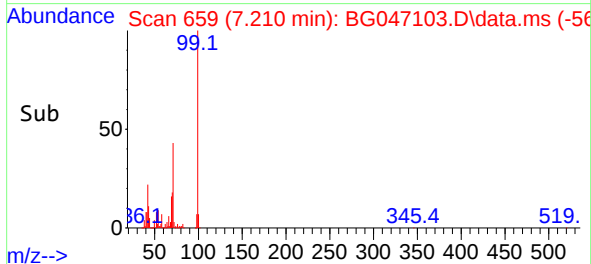
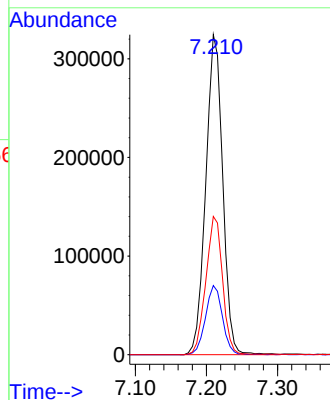
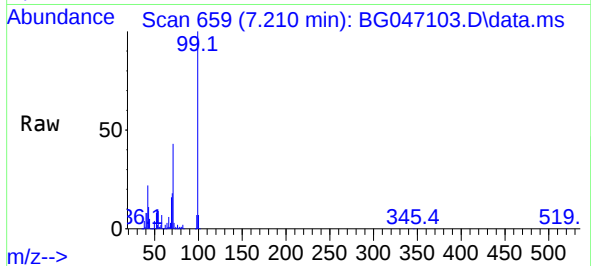




#7  
Phenol-d6  
Concen: 122.82 ng  
RT: 7.210 min Scan# 659  
Delta R.T. 0.001 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

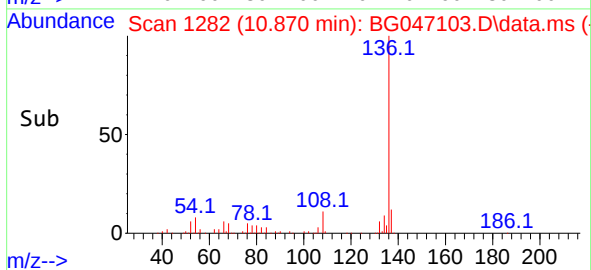
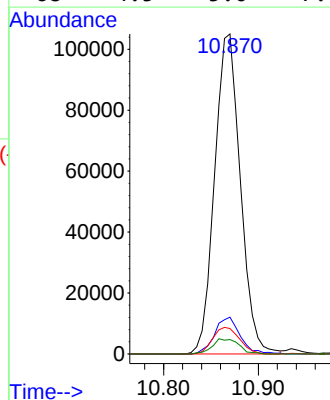
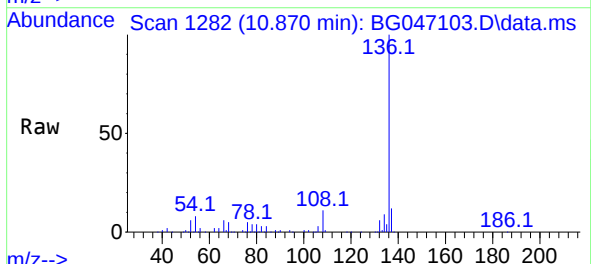
Instrument :  
BNA\_G  
ClientSampleId :  
PB132419BL

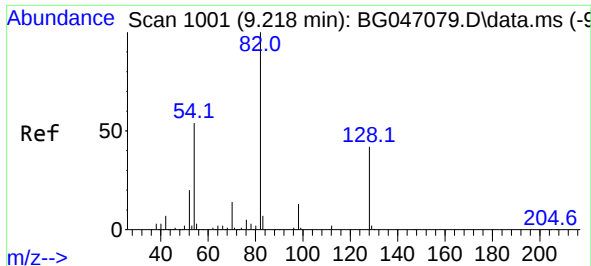
Tgt Ion: 99 Resp: 538512  
Ion Ratio Lower Upper  
99 100  
42 21.6 12.8 19.2#  
71 43.2 24.6 36.8#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.870 min Scan# 1282  
Delta R.T. 0.001 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

Tgt Ion:136 Resp: 198109  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.1 13.7  
54 7.9 6.2 9.4  
68 4.5 5.0 7.4#

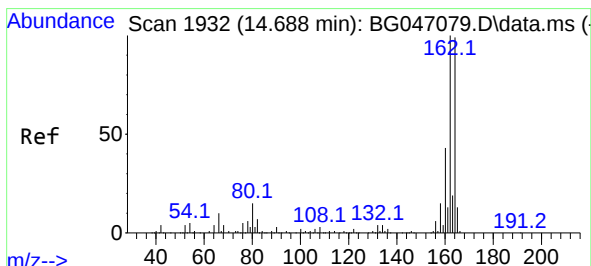
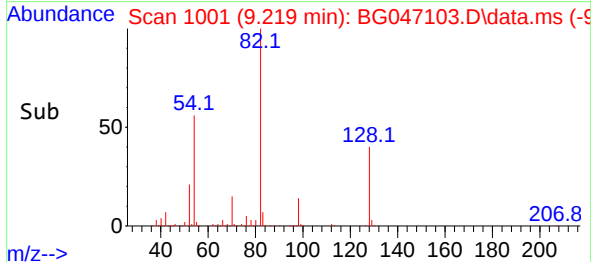
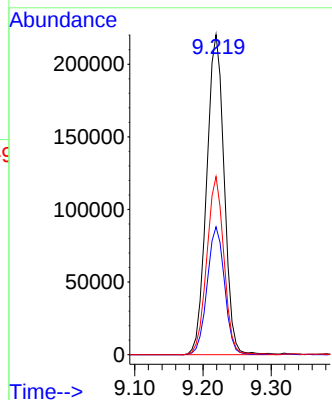
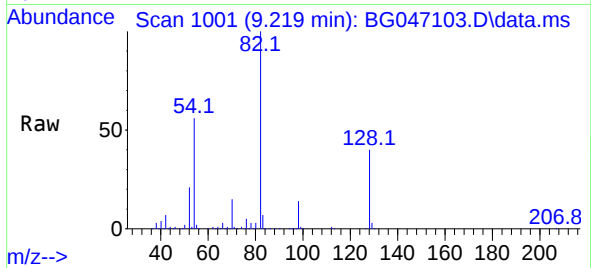




#23  
Nitrobenzene-d5  
Concen: 95.20 ng  
RT: 9.219 min Scan# 1001  
Delta R.T. 0.001 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

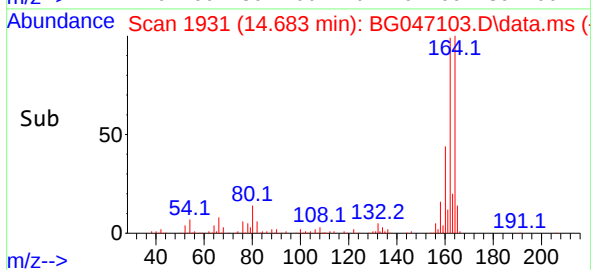
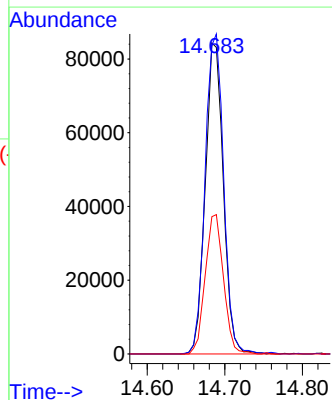
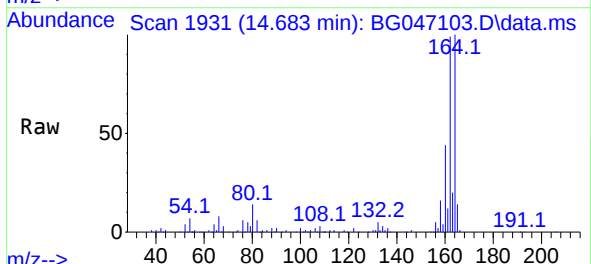
Instrument :  
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ClientSampleId :  
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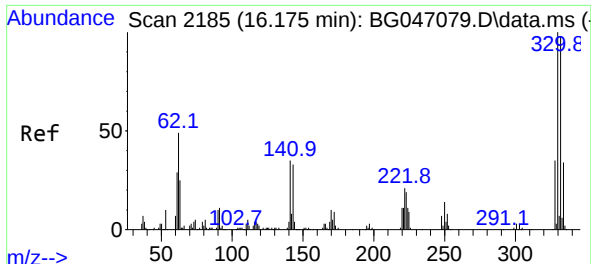
Tgt Ion: 82 Resp: 393836  
Ion Ratio Lower Upper  
82 100  
128 39.9 37.0 55.6  
54 55.7 39.0 58.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.683 min Scan# 1931  
Delta R.T. -0.005 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

Tgt Ion:164 Resp: 135887  
Ion Ratio Lower Upper  
164 100  
162 99.1 82.3 123.5  
160 44.1 35.3 52.9

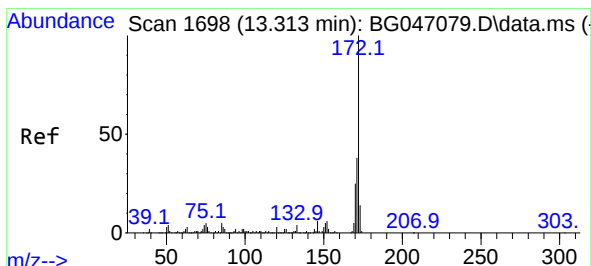
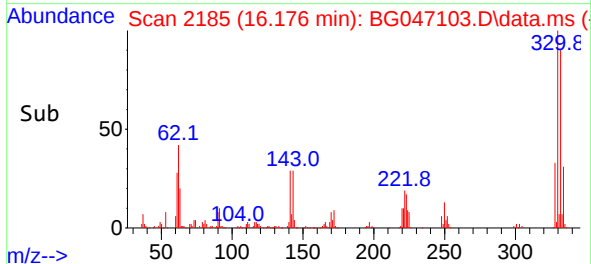
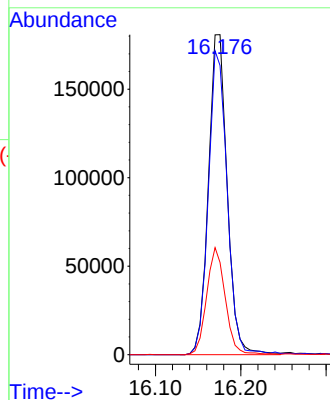
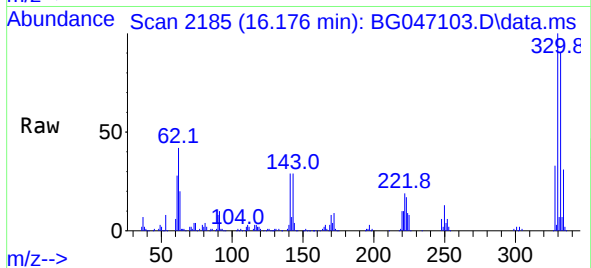




#42  
2,4,6-Tribromophenol  
Concen: 127.19 ng  
RT: 16.176 min Scan# 2185  
Delta R.T. 0.001 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

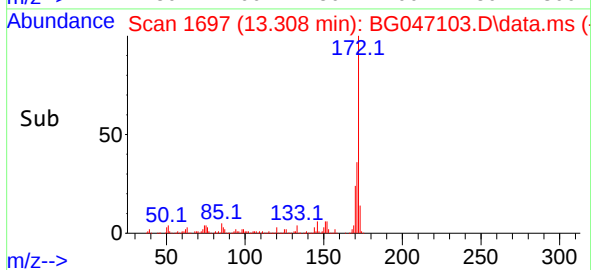
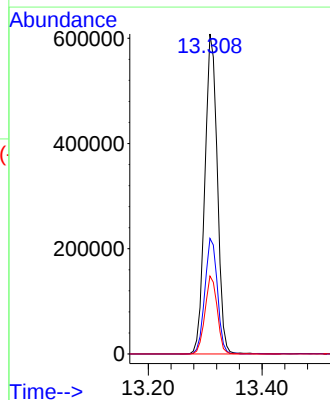
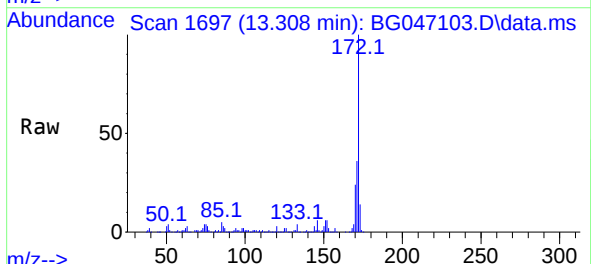
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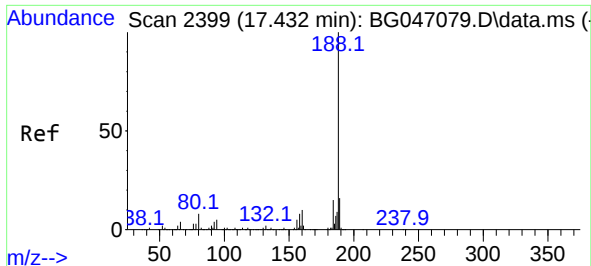
Tgt Ion:330 Resp: 277022  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.5 114.7  
141 33.2 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 95.97 ng  
RT: 13.308 min Scan# 1697  
Delta R.T. -0.005 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

Tgt Ion:172 Resp: 922430  
Ion Ratio Lower Upper  
172 100  
171 36.1 31.3 46.9  
170 24.4 20.8 31.2

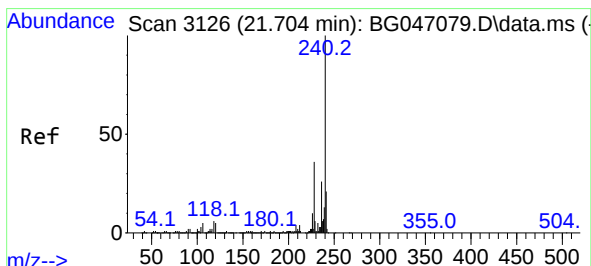
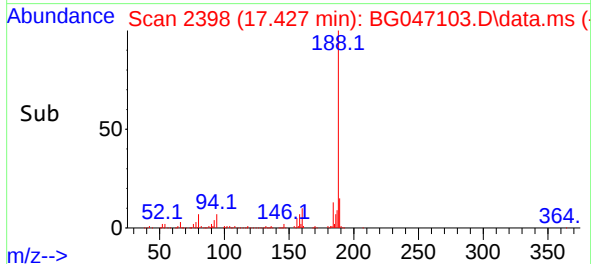
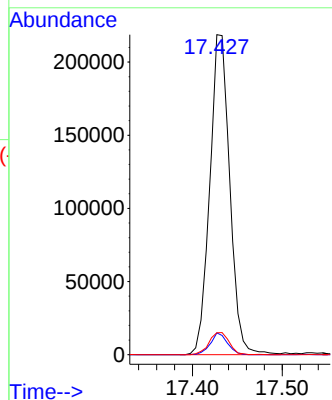
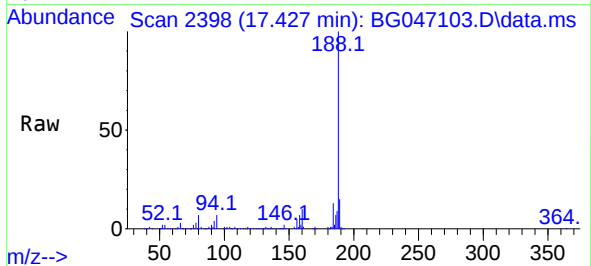




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.427 min Scan# 2398  
Delta R.T. -0.005 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

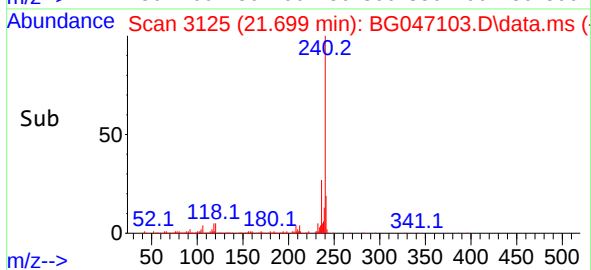
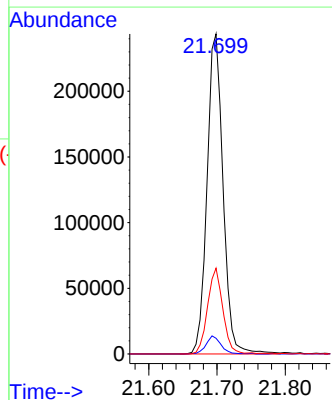
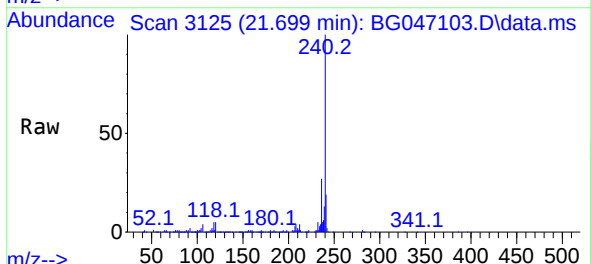
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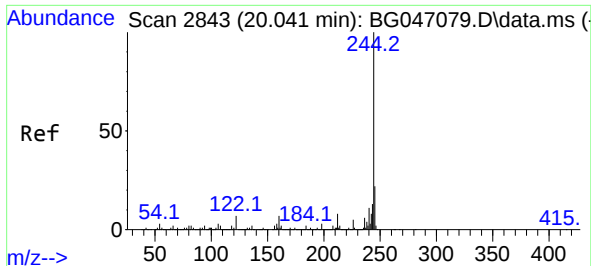
Tgt Ion:188 Resp: 338232  
Ion Ratio Lower Upper  
188 100  
94 6.8 6.3 9.5  
80 6.8 7.0 10.6#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.699 min Scan# 3125  
Delta R.T. -0.005 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

Tgt Ion:240 Resp: 398572  
Ion Ratio Lower Upper  
240 100  
120 4.9 6.2 9.4#  
236 26.8 20.5 30.7

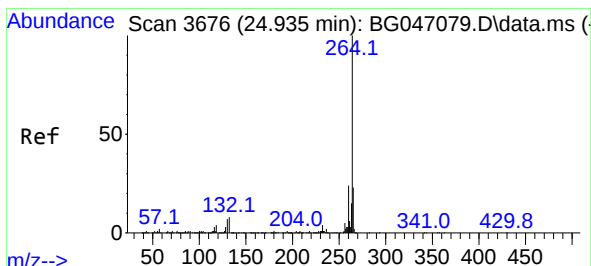
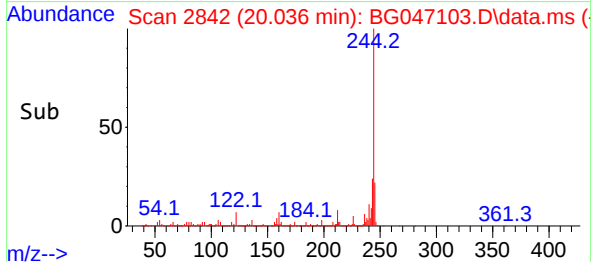
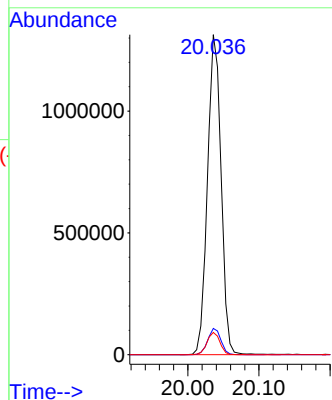
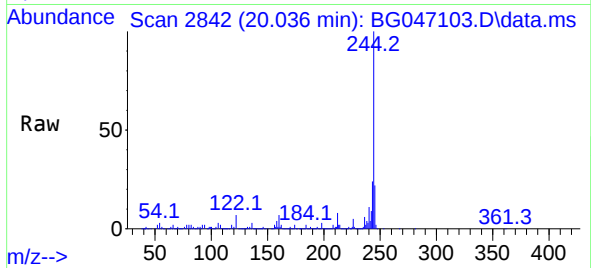




#79  
Terphenyl-d14  
Concen: 85.41 ng  
RT: 20.036 min Scan# 2842  
Delta R.T. -0.005 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

Instrument :  
BNA\_G  
ClientSampleId :  
PB132419BL

Tgt Ion:244 Resp: 1750798  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.7 10.1  
122 6.9 7.8 11.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.930 min Scan# 3675  
Delta R.T. -0.005 min  
Lab File: BG047103.D  
Acq: 28 Oct 2020 11:16

Tgt Ion:264 Resp: 406244  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.8 28.2  
265 22.9 17.8 26.8

