

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
 Data File : BG047281.D  
 Acq On : 10 Nov 2020 23:06  
 Operator : CG/JU  
 Sample : L4671-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 2A

Quant Time: Nov 11 02:01:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 04 16:19:40 2020  
 Response via : Initial Calibration

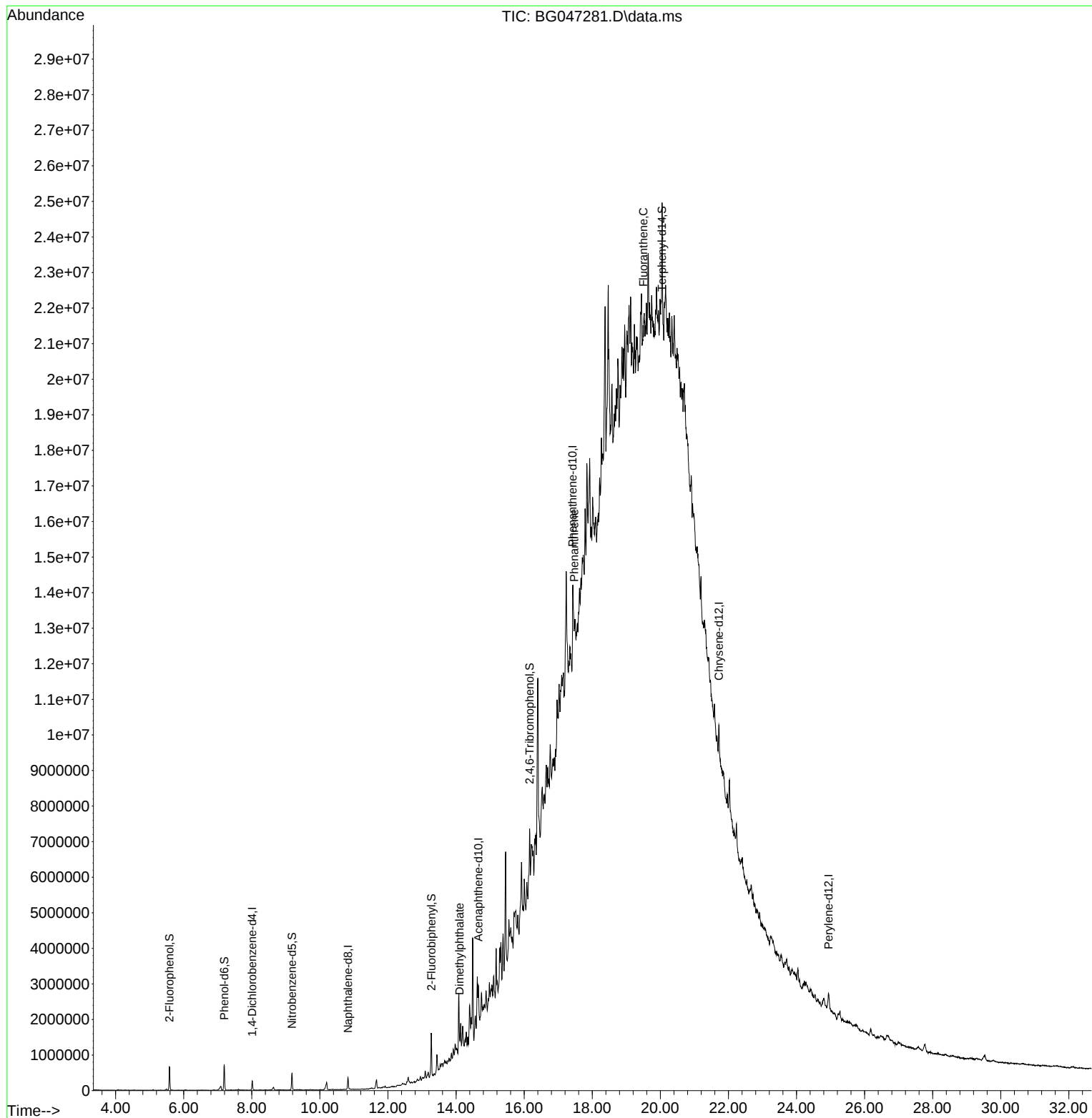
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.011  | 152  | 67802    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.826 | 136  | 266399   | 20.00 | ng    | 0.01     |
| 39) Acenaphthene-d10        | 14.656 | 164  | 176982   | 20.00 | ng    | 0.01     |
| 64) Phenanthrene-d10        | 17.424 | 188  | 398306   | 20.00 | ng    | # 0.04   |
| 76) Chrysene-d12            | 21.719 | 240  | 382108   | 20.00 | ng    | # 0.07   |
| 86) Perylene-d12            | 24.944 | 264  | 343855   | 20.00 | ng    | # 0.11   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.579  | 112  | 276804   | 66.18 | ng    | 0.02     |
| 7) Phenol-d6                | 7.189  | 99   | 382262   | 63.13 | ng    | 0.03     |
| 23) Nitrobenzene-d5         | 9.181  | 82   | 271870   | 43.80 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol    | 16.161 | 330  | 187322   | 63.21 | ng    | 0.03     |
| 45) 2-Fluorobiphenyl        | 13.276 | 172  | 575482   | 41.70 | ng    | 0.01     |
| 79) Terphenyl-d14           | 20.050 | 244  | 1055092  | 48.56 | ng    | 0.05     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 50) Dimethylphthalate       | 14.104 | 163  | 105628   | 6.76  | ng    | # 88     |
| 71) Phenanthrene            | 17.471 | 178  | 265182   | 11.47 | ng    | # 55     |
| 75) Fluoranthene            | 19.498 | 202  | 86719    | 2.95  | ng    | # 1      |
| -----                       |        |      |          |       |       |          |

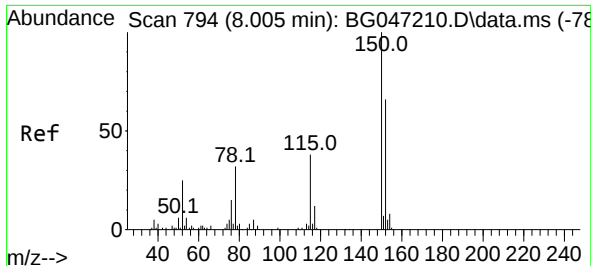
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111120\  
Data File : BG047281.D  
Acq On : 10 Nov 2020 23:06  
Operator : CG/JU  
Sample : L4671-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Time: Nov 11 02:01:40 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG110420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 04 16:19:40 2020  
Response via : Initial Calibration

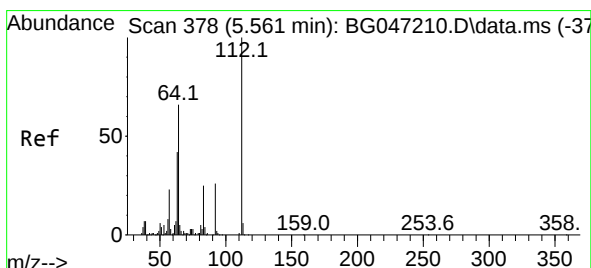
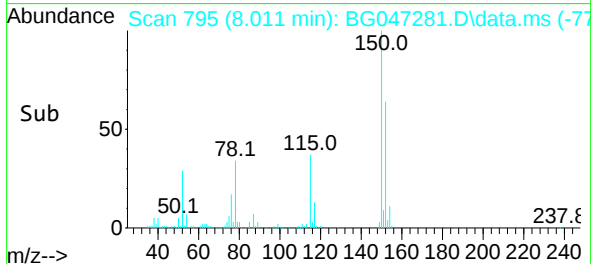
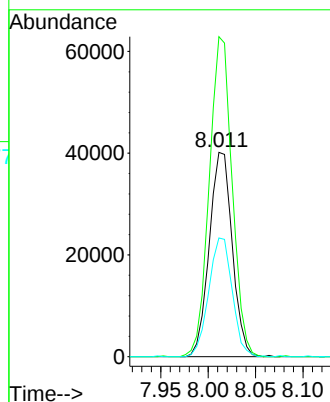
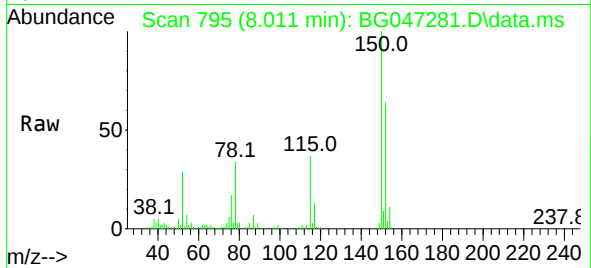




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.011 min Scan# 795  
Delta R.T. 0.006 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

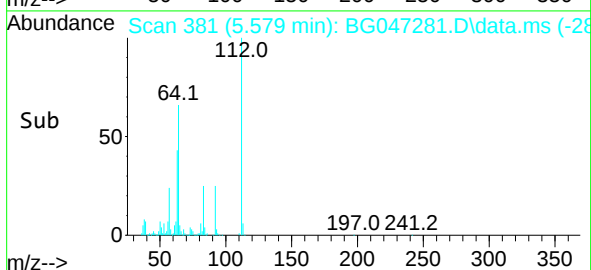
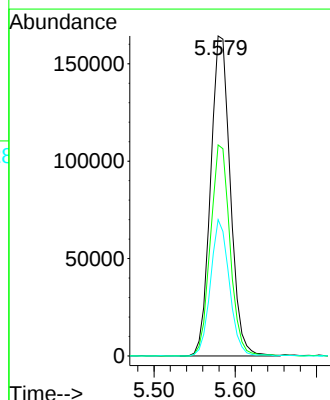
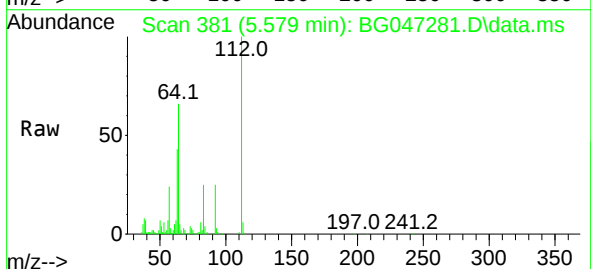
Instrument :  
BNA\_G  
ClientSampleId :  
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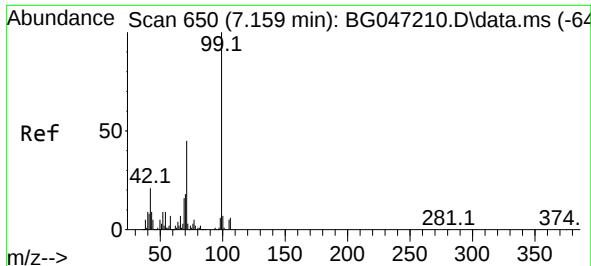
Tgt Ion:152 Resp: 67802  
Ion Ratio Lower Upper  
152 100  
150 156.6 125.0 187.6  
115 58.1 41.8 62.6



#5  
2-Fluorophenol  
Concen: 66.18 ng  
RT: 5.579 min Scan# 381  
Delta R.T. 0.018 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

Tgt Ion:112 Resp: 276804  
Ion Ratio Lower Upper  
112 100  
64 65.9 46.7 70.1  
63 42.6 22.8 34.2#

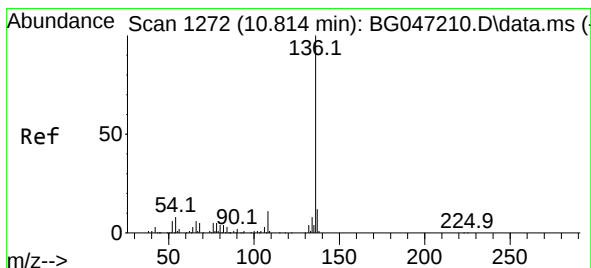
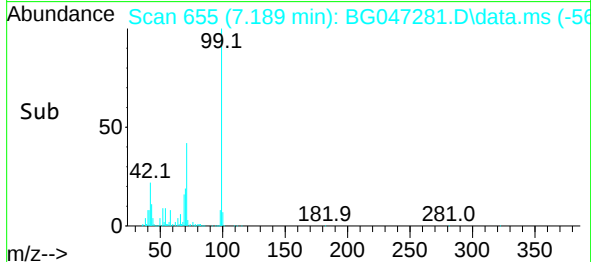
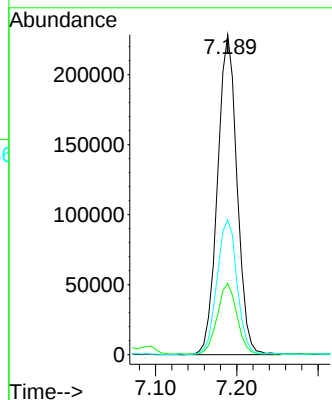
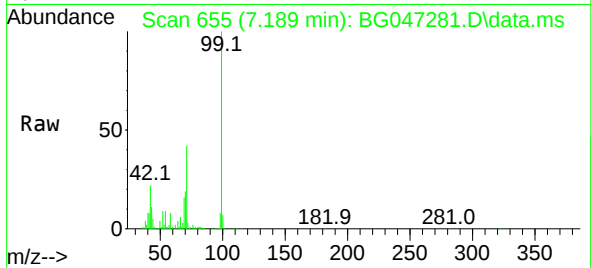




#7  
Phenol-d6  
Concen: 63.13 ng  
RT: 7.189 min Scan# 655  
Delta R.T. 0.030 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

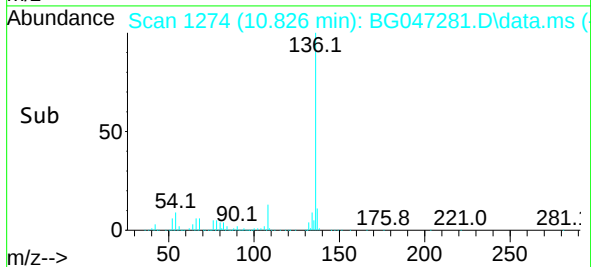
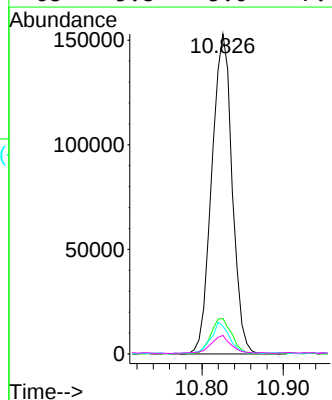
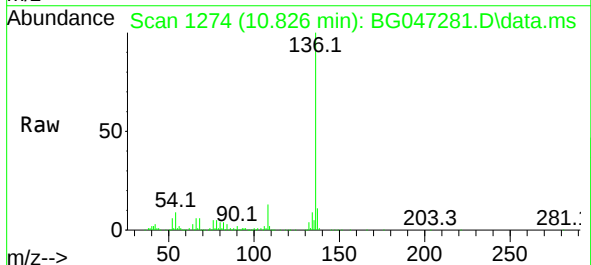
Instrument :  
BNA\_G  
ClientSampleId :  
2A

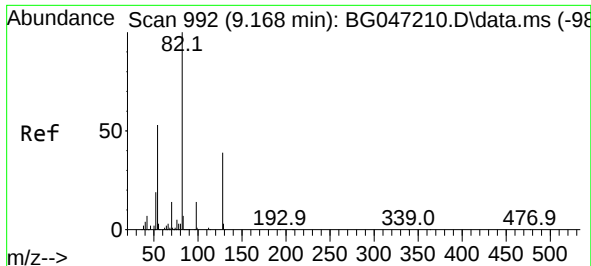
Tgt Ion: 99 Resp: 382262  
Ion Ratio Lower Upper  
99 100  
42 22.2 12.8 19.2#  
71 42.2 24.6 36.8#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.826 min Scan# 1274  
Delta R.T. 0.012 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

Tgt Ion: 136 Resp: 266399  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.1 13.7  
54 8.7 6.2 9.4  
68 5.8 5.0 7.4

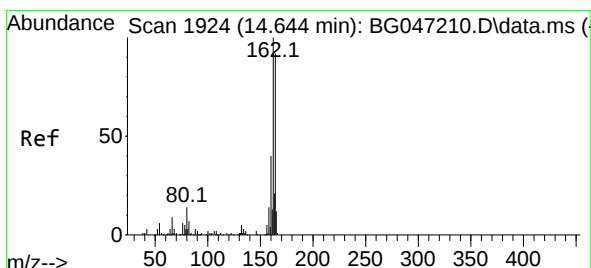
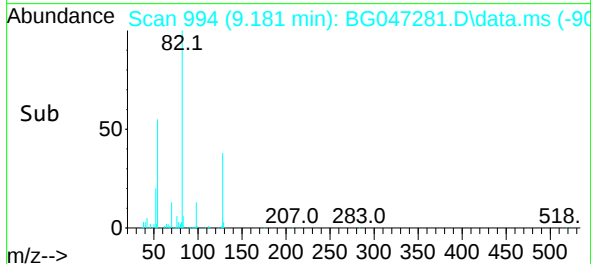
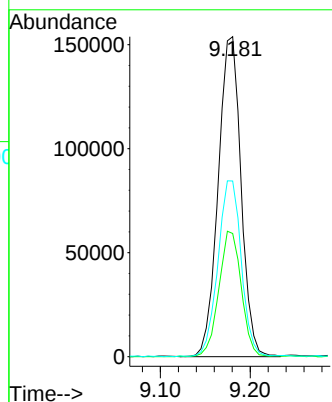
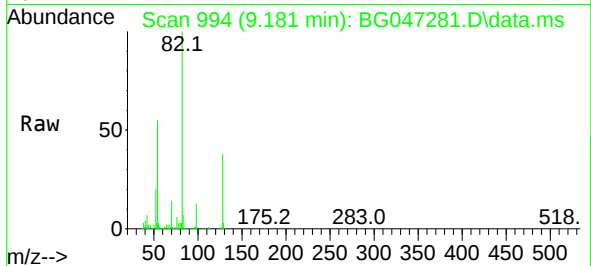




#23  
Nitrobenzene-d5  
Concen: 43.80 ng  
RT: 9.181 min Scan# 994  
Delta R.T. 0.012 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

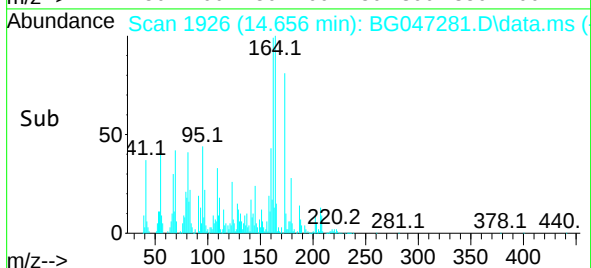
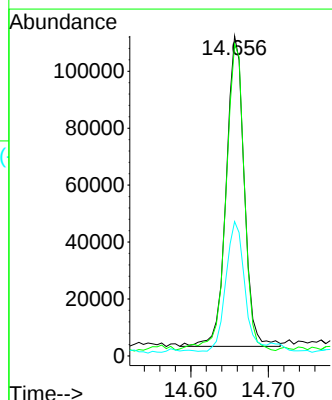
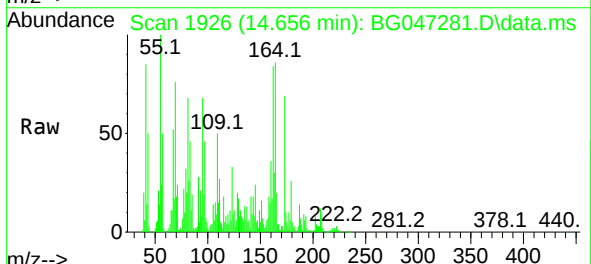
Instrument :  
BNA\_G  
ClientSampleId :  
2A

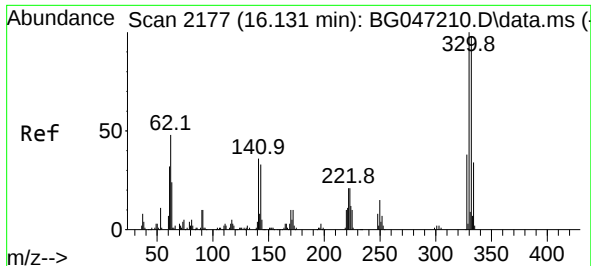
Tgt Ion: 82 Resp: 271870  
Ion Ratio Lower Upper  
82 100  
128 38.5 37.0 55.6  
54 54.9 39.0 58.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.656 min Scan# 1926  
Delta R.T. 0.012 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

Tgt Ion:164 Resp: 176982  
Ion Ratio Lower Upper  
164 100  
162 97.6 82.3 123.5  
160 42.0 35.3 52.9

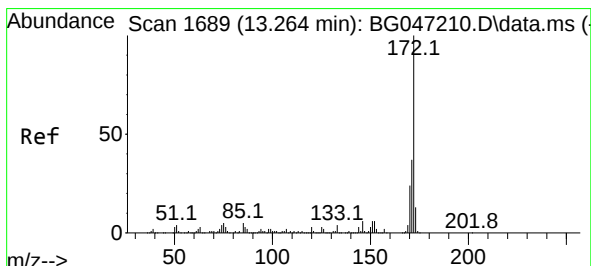
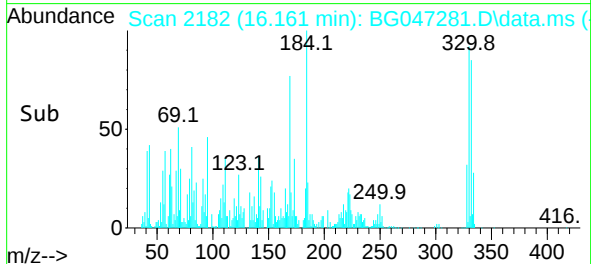
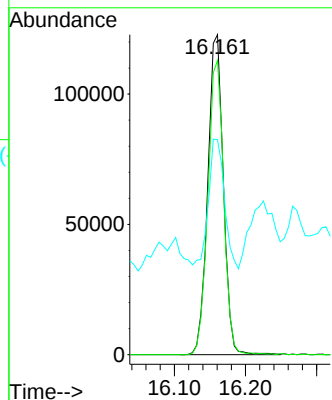
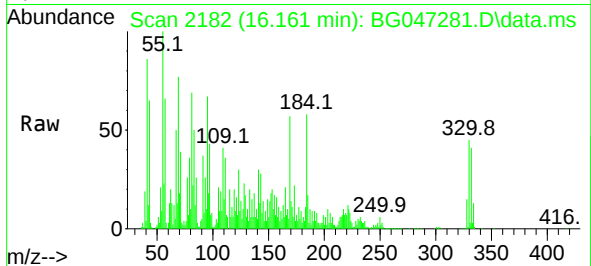




#42  
2,4,6-Tribromophenol  
Concen: 63.21 ng  
RT: 16.161 min Scan# 2182  
Delta R.T. 0.030 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

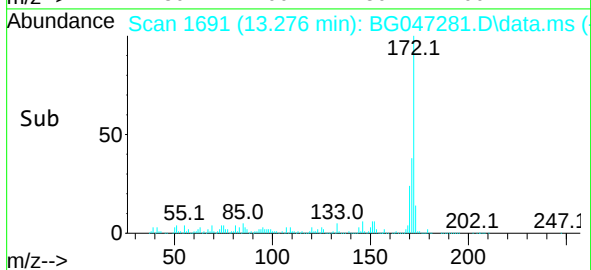
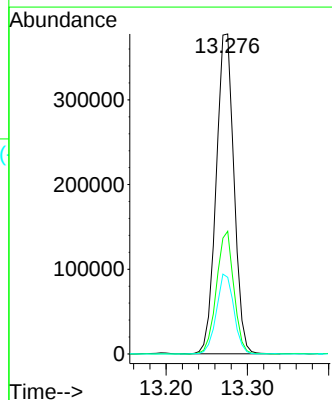
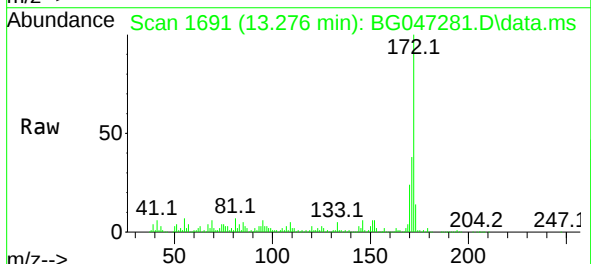
Instrument :  
BNA\_G  
ClientSampleId :  
2A

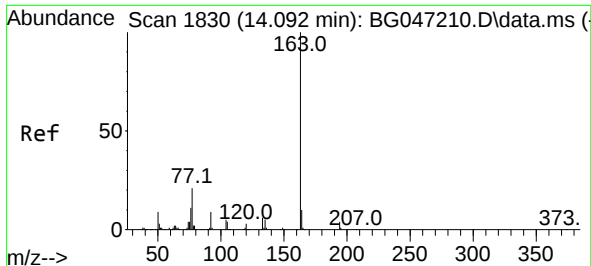
Tgt Ion:330 Resp: 187322  
Ion Ratio Lower Upper  
330 100  
332 93.3 76.5 114.7  
141 41.4 26.0 39.0#



#45  
2-Fluorobiphenyl  
Concen: 41.70 ng  
RT: 13.276 min Scan# 1691  
Delta R.T. 0.012 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

Tgt Ion:172 Resp: 575482  
Ion Ratio Lower Upper  
172 100  
171 38.4 31.3 46.9  
170 23.9 20.8 31.2

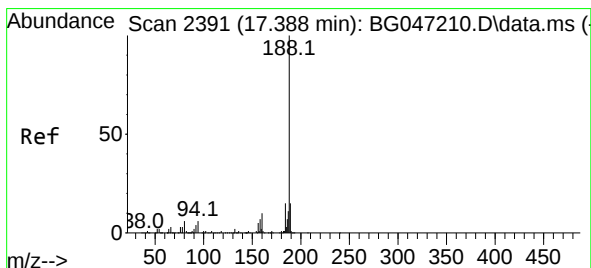
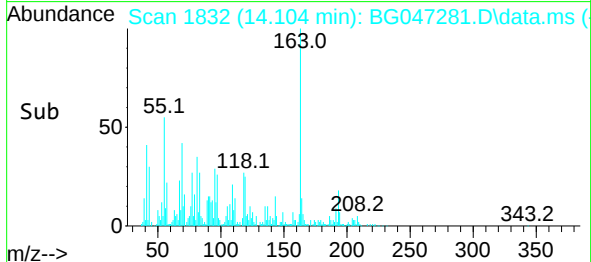
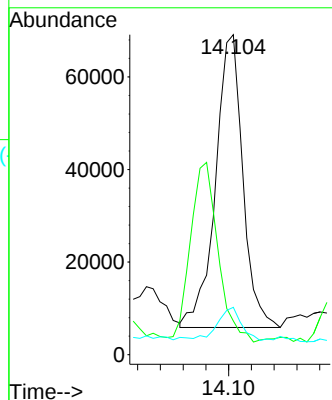
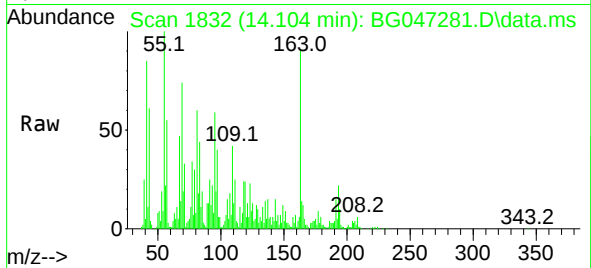




#50  
Dimethylphthalate  
Concen: 6.76 ng  
RT: 14.104 min Scan# 1832  
Delta R.T. 0.012 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

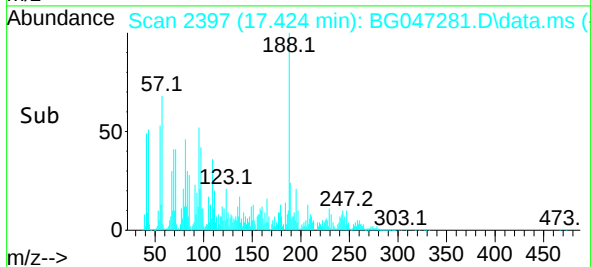
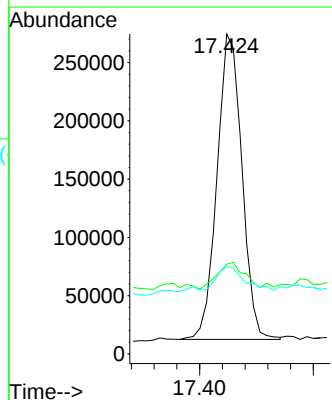
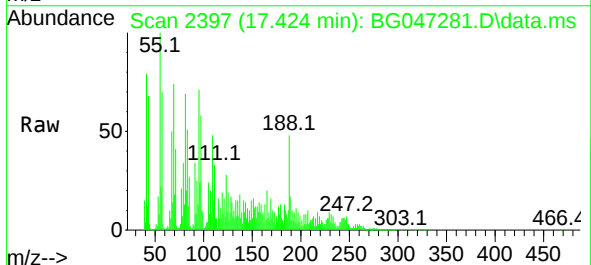
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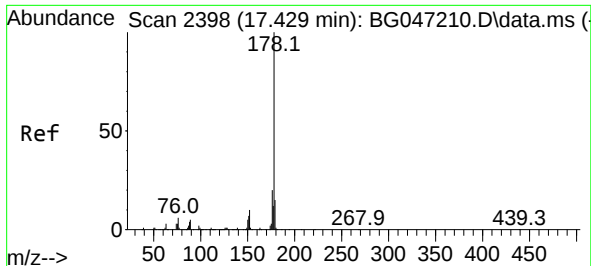
Tgt Ion:163 Resp: 105628  
Ion Ratio Lower Upper  
163 100  
194 10.5 3.8 5.8#  
164 14.8 8.8 13.2#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.424 min Scan# 2397  
Delta R.T. 0.036 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

Tgt Ion:188 Resp: 398306  
Ion Ratio Lower Upper  
188 100  
94 28.0 6.3 9.5#  
80 27.3 7.0 10.6#

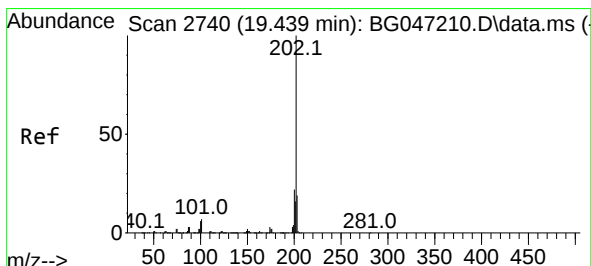
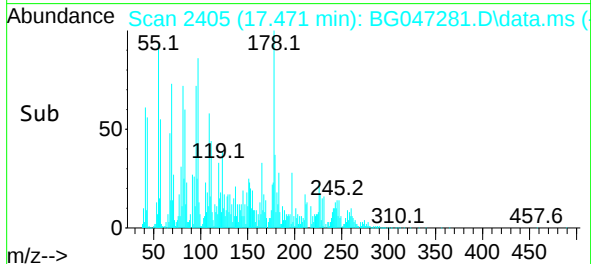
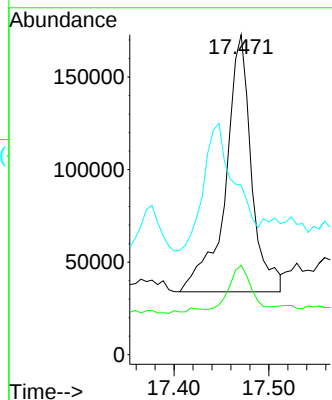
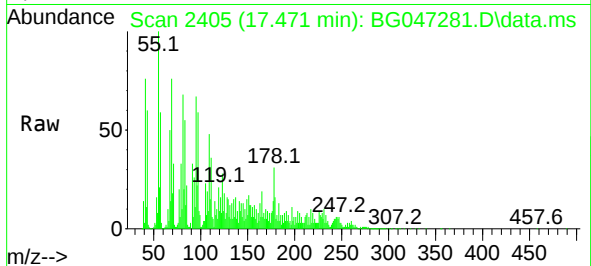




#71  
Phenanthrene  
Concen: 11.47 ng  
RT: 17.471 min Scan# 2405  
Delta R.T. 0.041 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

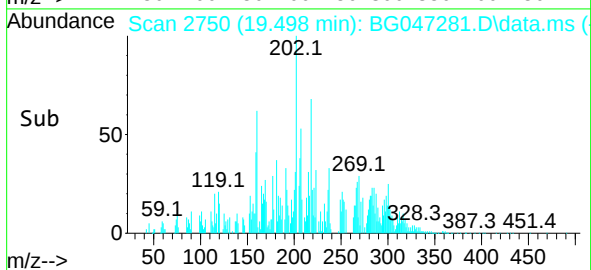
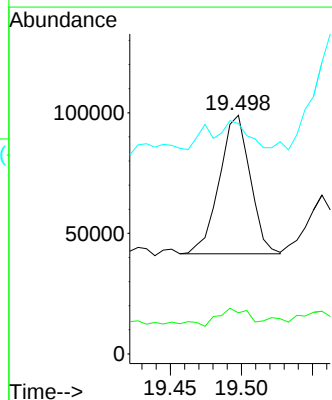
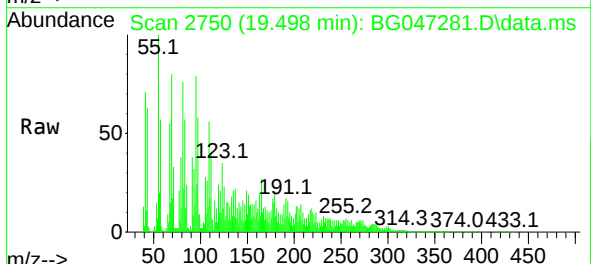
Instrument :  
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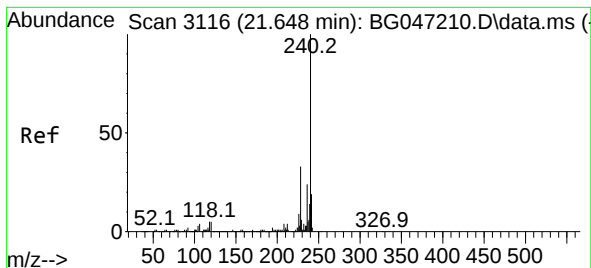
Tgt Ion:178 Resp: 265182  
Ion Ratio Lower Upper  
178 100  
176 27.9 16.7 25.1#  
179 53.0 14.0 21.0#



#75  
Fluoranthene  
Concen: 2.95 ng  
RT: 19.498 min Scan# 2750  
Delta R.T. 0.059 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

Tgt Ion:202 Resp: 86719  
Ion Ratio Lower Upper  
202 100  
101 17.2 0.0 29.7  
203 96.5 0.0 39.2#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.719 min Scan# 3128

Delta R.T. 0.071 min

Lab File: BG047281.D

Acq: 10 Nov 2020 23:06

Tgt Ion:240 Resp: 382108

Ion Ratio Lower Upper

240 100

120 15.5 6.2 9.4#

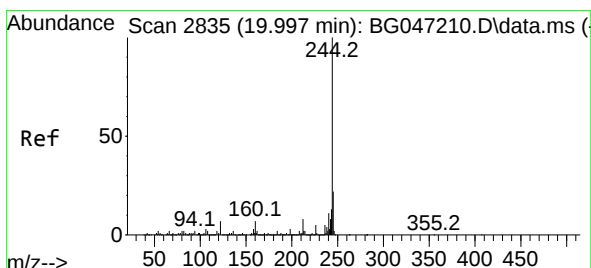
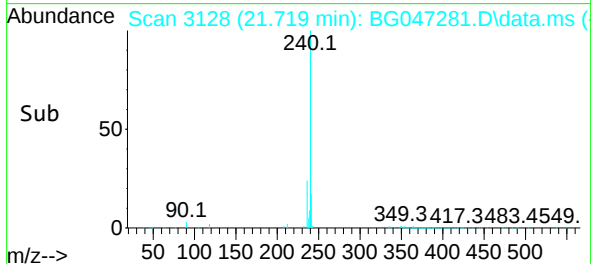
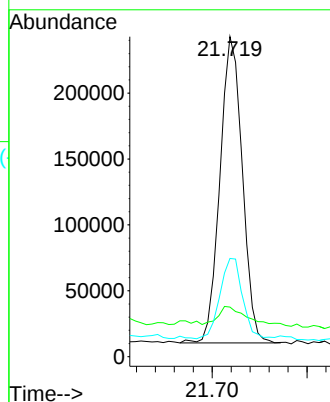
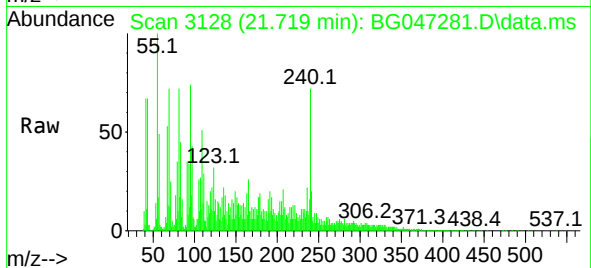
236 30.7 20.5 30.7

Instrument :

BNA\_G

ClientSampleId :

2A



#79

Terphenyl-d14

Concen: 48.56 ng

RT: 20.050 min Scan# 2844

Delta R.T. 0.053 min

Lab File: BG047281.D

Acq: 10 Nov 2020 23:06

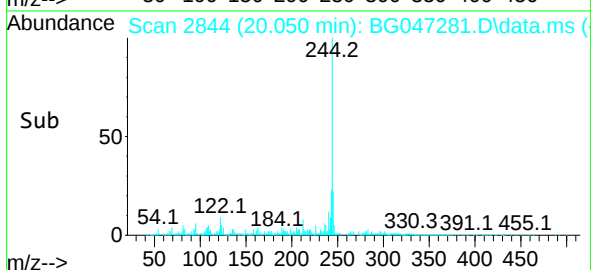
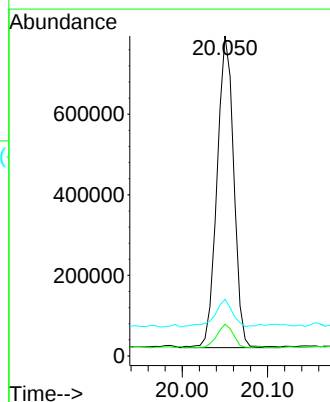
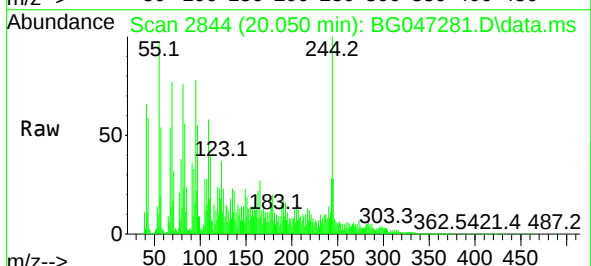
Tgt Ion:244 Resp: 1055092

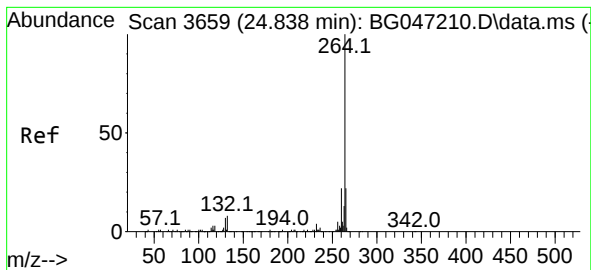
Ion Ratio Lower Upper

244 100

212 9.9 6.7 10.1

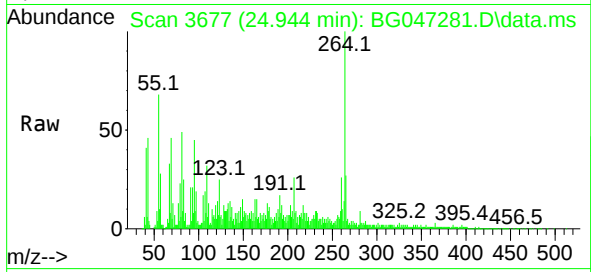
122 17.7 7.8 11.6#





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.944 min Scan# 3677  
Delta R.T. 0.106 min  
Lab File: BG047281.D  
Acq: 10 Nov 2020 23:06

Instrument :  
BNA\_G  
ClientSampleId :  
2A



Tgt Ion:264 Resp: 343855  
Ion Ratio Lower Upper  
264 100  
260 25.5 18.8 28.2  
265 27.5 17.8 26.8#

