

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061521\  
 Data File : BG048975.D  
 Acq On : 15 Jun 2021 12:58  
 Operator : CG/JU  
 Sample : PB137114BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137114BL

Quant Time: Jun 15 13:42:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 11 16:03:10 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.118  | 152  | 35867    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.944 | 136  | 140025   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.763 | 164  | 99558    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.513 | 188  | 234741   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.802 | 240  | 280015   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.139 | 264  | 283386   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.668  | 112  | 308811   | 134.028 | ng    | 0.00     |
| 7) Phenol-d6                | 7.272  | 99   | 395361   | 114.486 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.287  | 82   | 276026   | 85.001  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.249 | 330  | 182891   | 123.993 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.388 | 172  | 596290   | 84.610  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.121 | 244  | 1217044  | 79.600  | ng    | 0.00     |

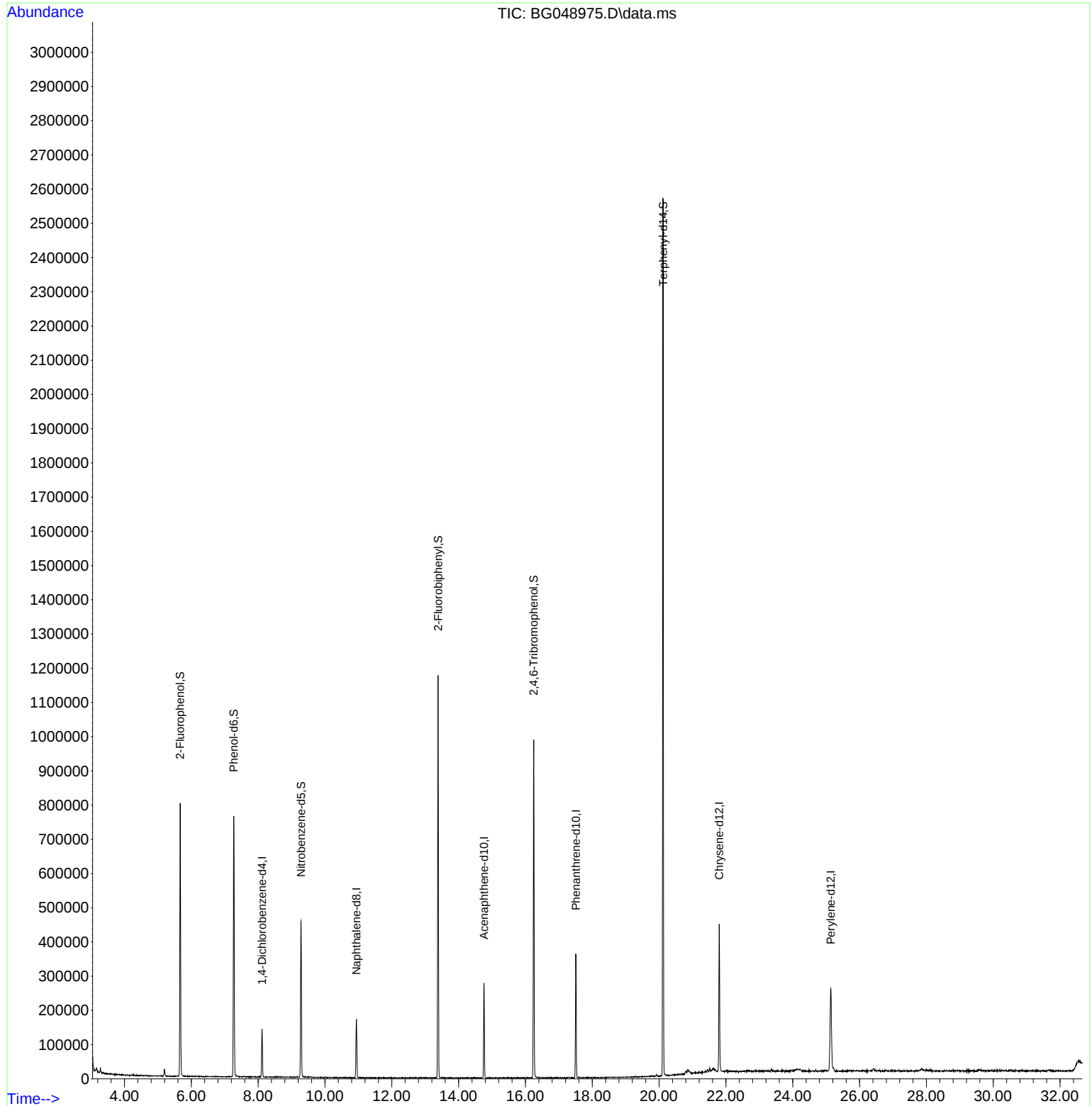
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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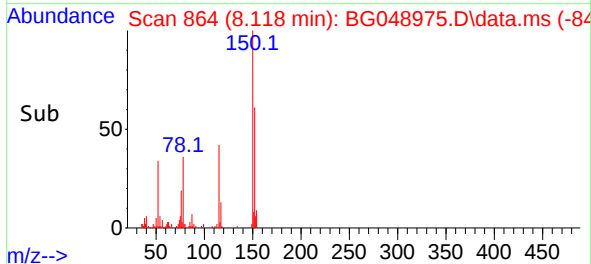
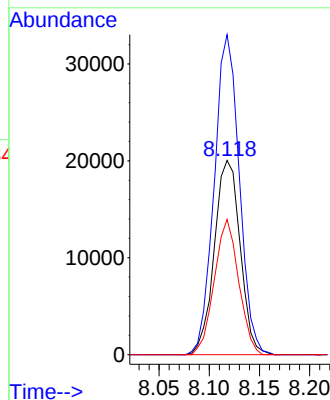
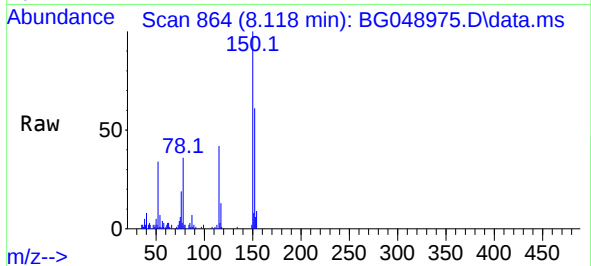




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.118 min Scan# 864  
Delta R.T. -0.004 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

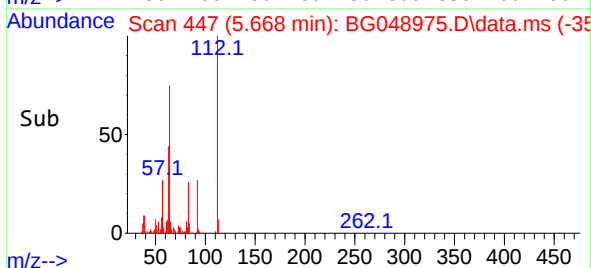
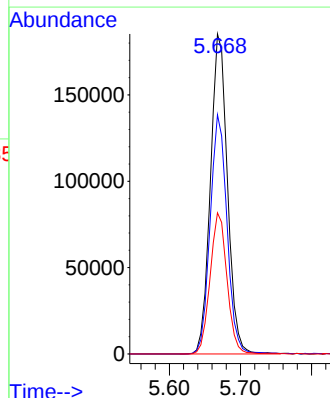
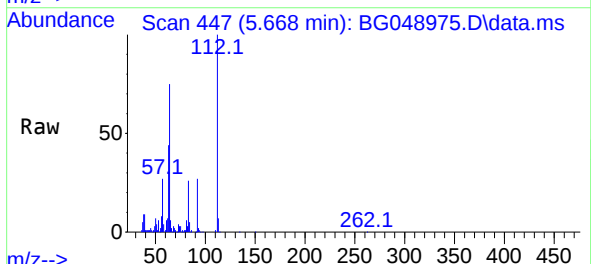
Instrument :  
BNA\_G  
ClientSampleId :  
PB137114BL

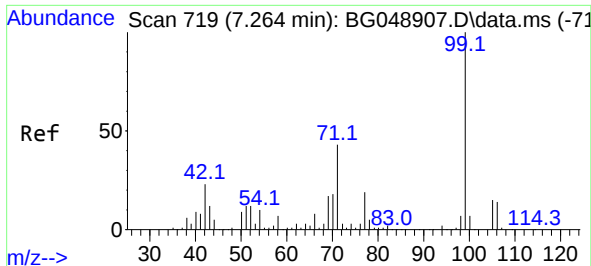
Tgt Ion:152 Resp: 35867  
Ion Ratio Lower Upper  
152 100  
150 164.8 119.4 179.0  
115 69.6 60.2 90.4



#5  
2-Fluorophenol  
Concen: 134.028 ng  
RT: 5.668 min Scan# 447  
Delta R.T. 0.002 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

Tgt Ion:112 Resp: 308811  
Ion Ratio Lower Upper  
112 100  
64 74.7 46.7 70.1#  
63 44.1 35.3 52.9



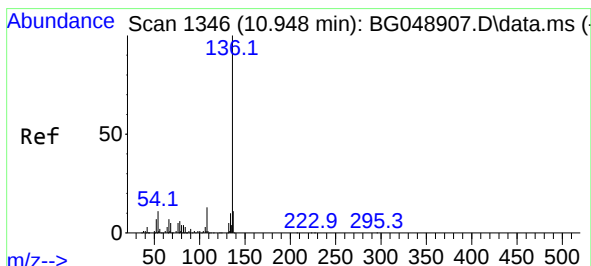
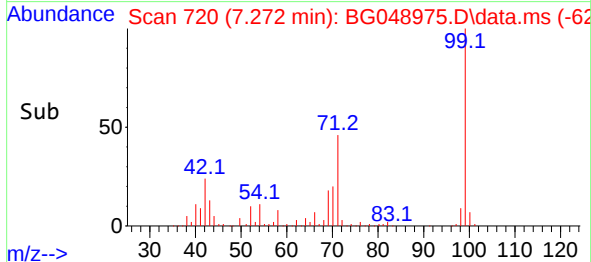
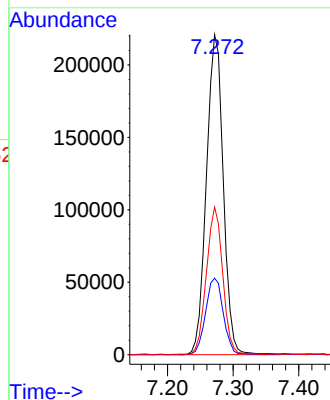
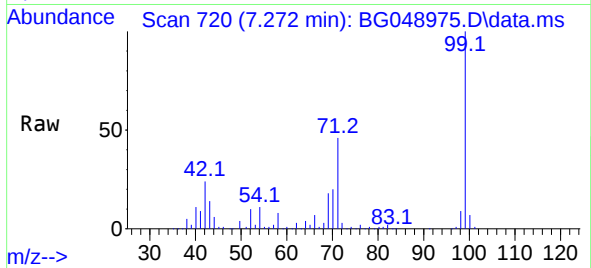


#7  
Phenol-d6  
Concen: 114.486 ng  
RT: 7.272 min Scan# 720  
Delta R.T. 0.008 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

Instrument :  
BNA\_G  
ClientSampleId :  
PB137114BL

Tgt Ion: 99 Resp: 395361

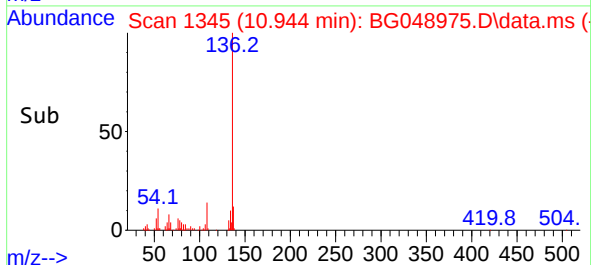
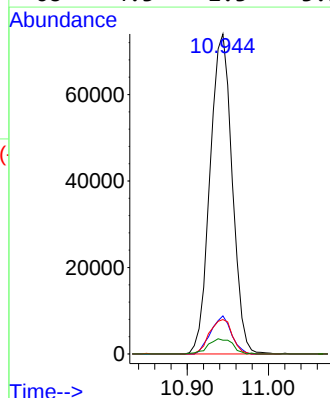
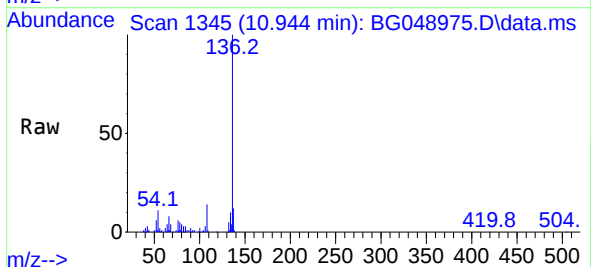
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.9  | 20.5  | 30.7  |
| 71  | 46.1  | 41.5  | 62.3  |

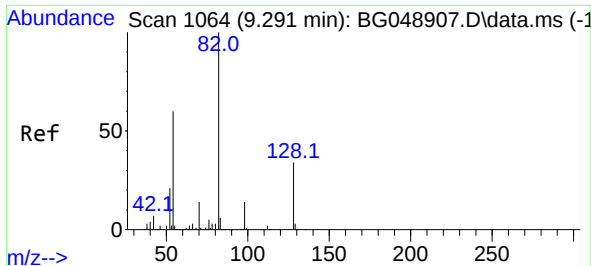


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.944 min Scan# 1345  
Delta R.T. -0.004 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

Tgt Ion: 136 Resp: 140025

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.9  | 8.2   | 12.2  |
| 54  | 10.7  | 5.5   | 8.3#  |
| 68  | 4.3   | 2.3   | 3.5#  |

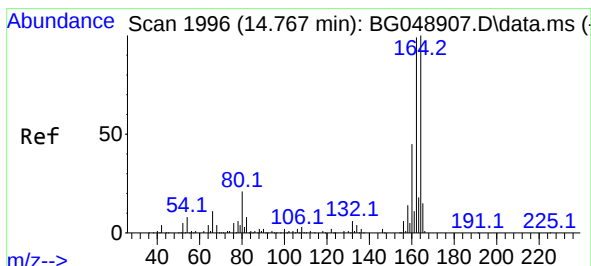
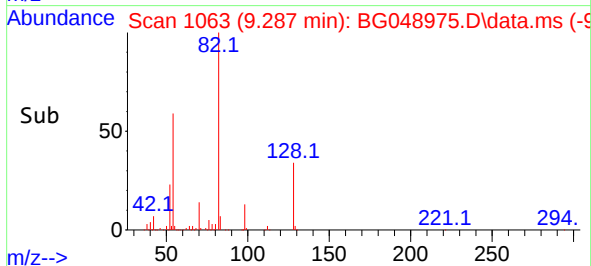
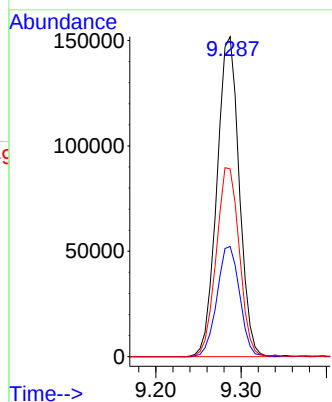
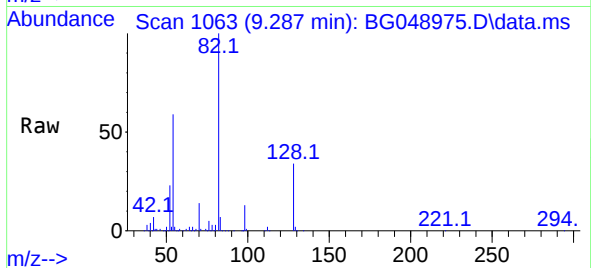




#23  
Nitrobenzene-d5  
Concen: 85.001 ng  
RT: 9.287 min Scan# 1063  
Delta R.T. -0.004 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

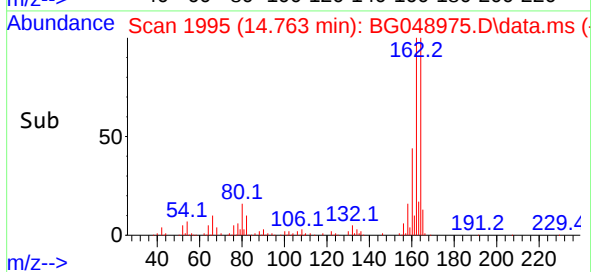
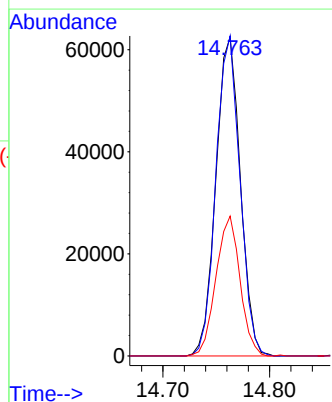
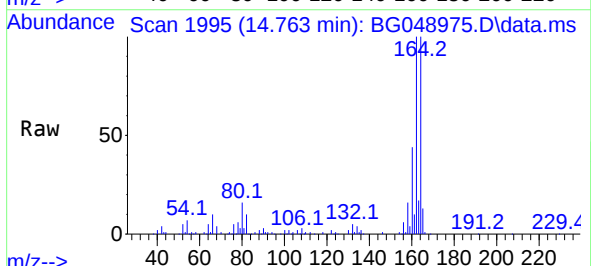
Instrument :  
BNA\_G  
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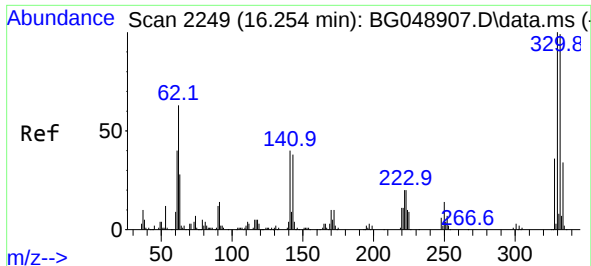
Tgt Ion: 82 Resp: 276026  
Ion Ratio Lower Upper  
82 100  
128 34.5 29.8 44.6  
54 58.7 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.763 min Scan# 1995  
Delta R.T. -0.004 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

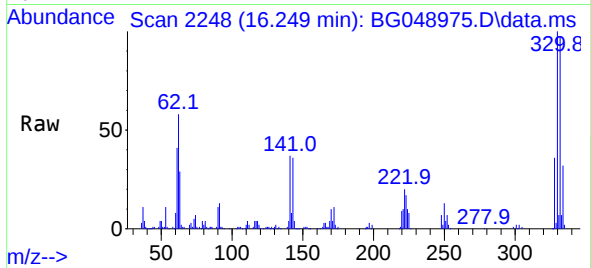
Tgt Ion:164 Resp: 99558  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.4 122.0  
160 43.8 34.9 52.3



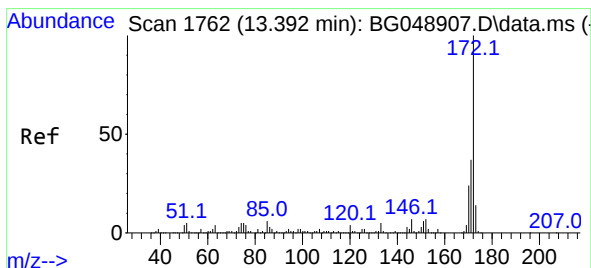
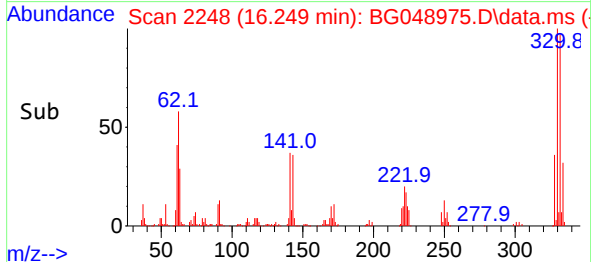
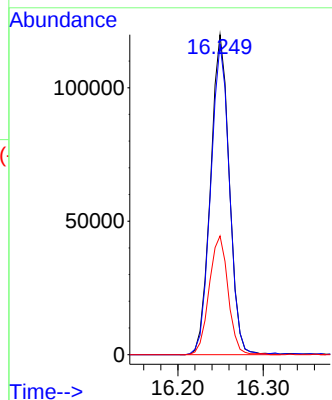


#42  
2,4,6-Tribromophenol  
Concen: 123.993 ng  
RT: 16.249 min Scan# 2248  
Delta R.T. -0.005 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

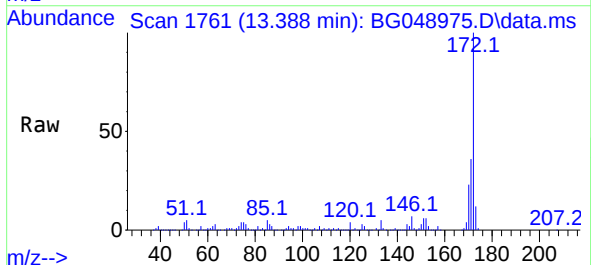
Instrument :  
BNA\_G  
ClientSampleId :  
PB137114BL



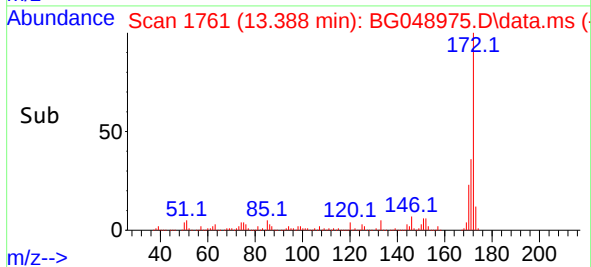
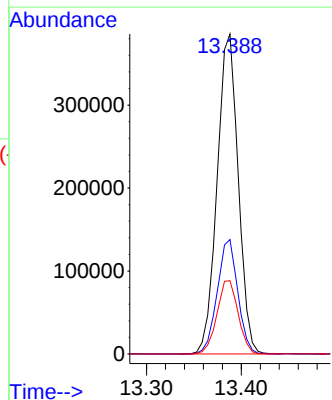
Tgt Ion:330 Resp: 182891  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.3 115.9  
141 37.4 35.6 53.4

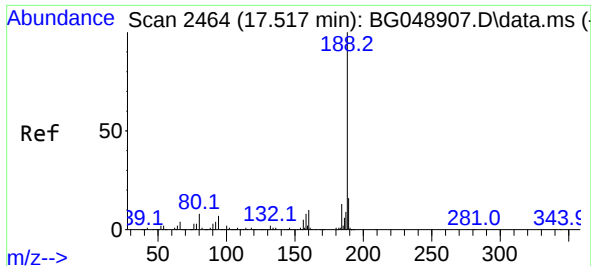


#45  
2-Fluorobiphenyl  
Concen: 84.610 ng  
RT: 13.388 min Scan# 1761  
Delta R.T. -0.004 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58



Tgt Ion:172 Resp: 596290  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 43.0  
170 22.9 18.6 27.8

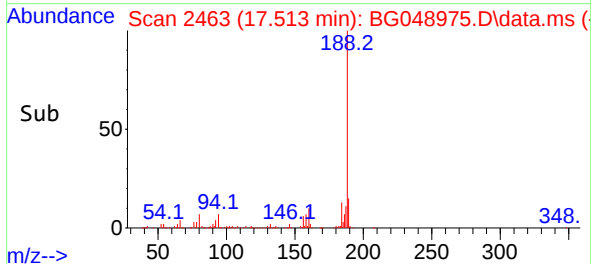
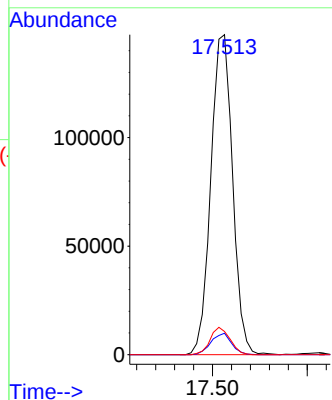
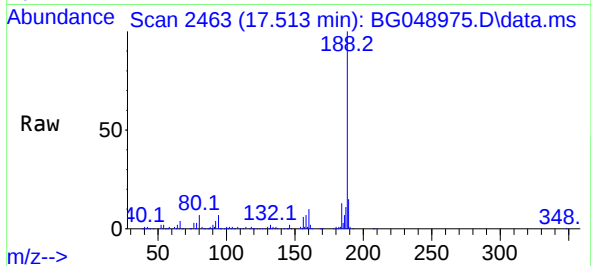




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.513 min Scan# 2463  
Delta R.T. -0.004 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

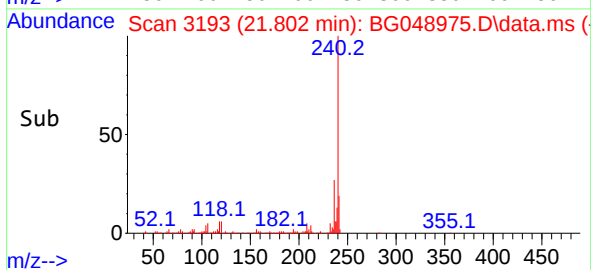
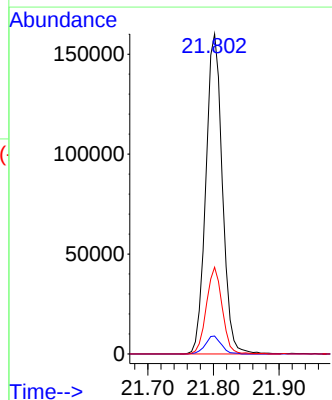
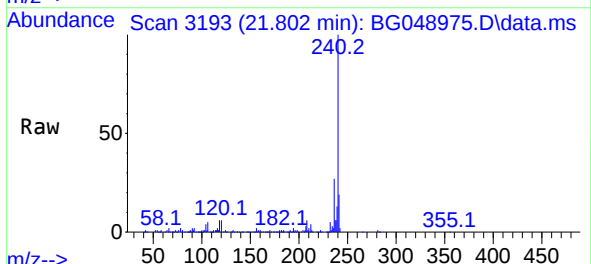
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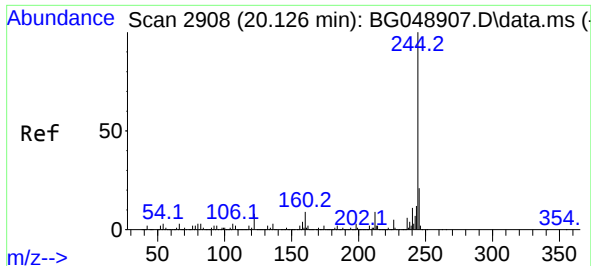
Tgt Ion:188 Resp: 234741  
Ion Ratio Lower Upper  
188 100  
94 6.7 5.4 8.0  
80 7.2 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.802 min Scan# 3193  
Delta R.T. -0.016 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

Tgt Ion:240 Resp: 280015  
Ion Ratio Lower Upper  
240 100  
120 5.6 4.2 6.2  
236 27.1 21.8 32.6

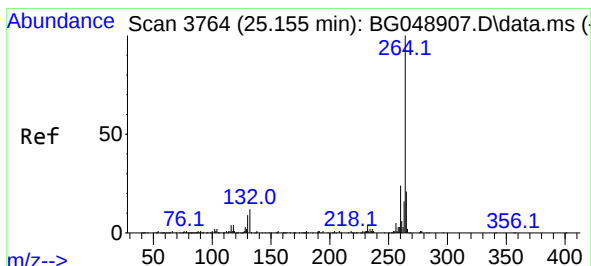
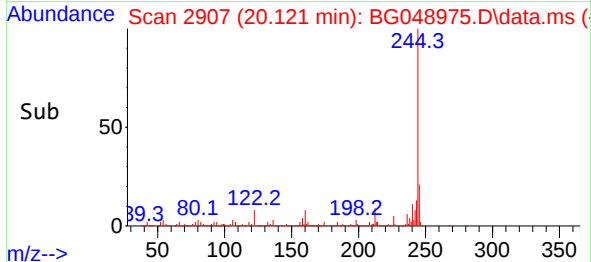
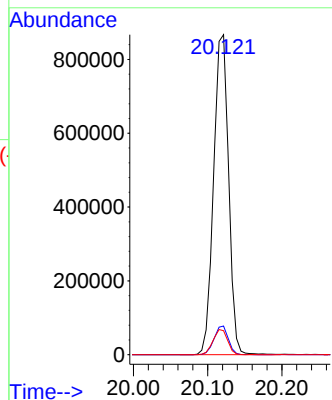
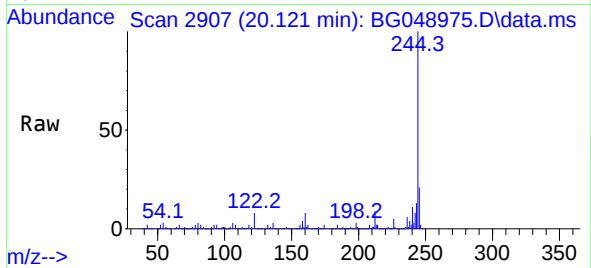




#79  
Terphenyl-d14  
Concen: 79.600 ng  
RT: 20.121 min Scan# 2907  
Delta R.T. -0.005 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

Instrument :  
BNA\_G  
ClientSampleId :  
PB137114BL

Tgt Ion:244 Resp: 1217044  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.9 10.3  
122 7.5 5.0 7.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.139 min Scan# 3761  
Delta R.T. -0.016 min  
Lab File: BG048975.D  
Acq: 15 Jun 2021 12:58

Tgt Ion:264 Resp: 283386  
Ion Ratio Lower Upper  
264 100  
260 22.2 19.4 29.2  
265 19.8 16.9 25.3

