

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081222\  
 Data File : BG054617.D  
 Acq On : 12 Aug 2022 11:18  
 Operator : CG/JU  
 Sample : N4046-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BEACONPOINT-BACKFILL-07

Quant Time: Aug 13 00:35:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 13 00:32:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.964  | 152  | 15440    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.778 | 136  | 54832    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.609 | 164  | 43536    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.359 | 188  | 121722   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.624 | 240  | 151596   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.827 | 264  | 160144   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.555  | 112  | 90839    | 122.838 | ng    | 0.00     |
| 7) Phenol-d6                | 7.171  | 99   | 118678   | 117.120 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.133  | 82   | 78792    | 78.253  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.107 | 330  | 108443   | 118.634 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.228 | 172  | 226350   | 73.344  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.968 | 244  | 614996   | 80.479  | ng    | 0.00     |

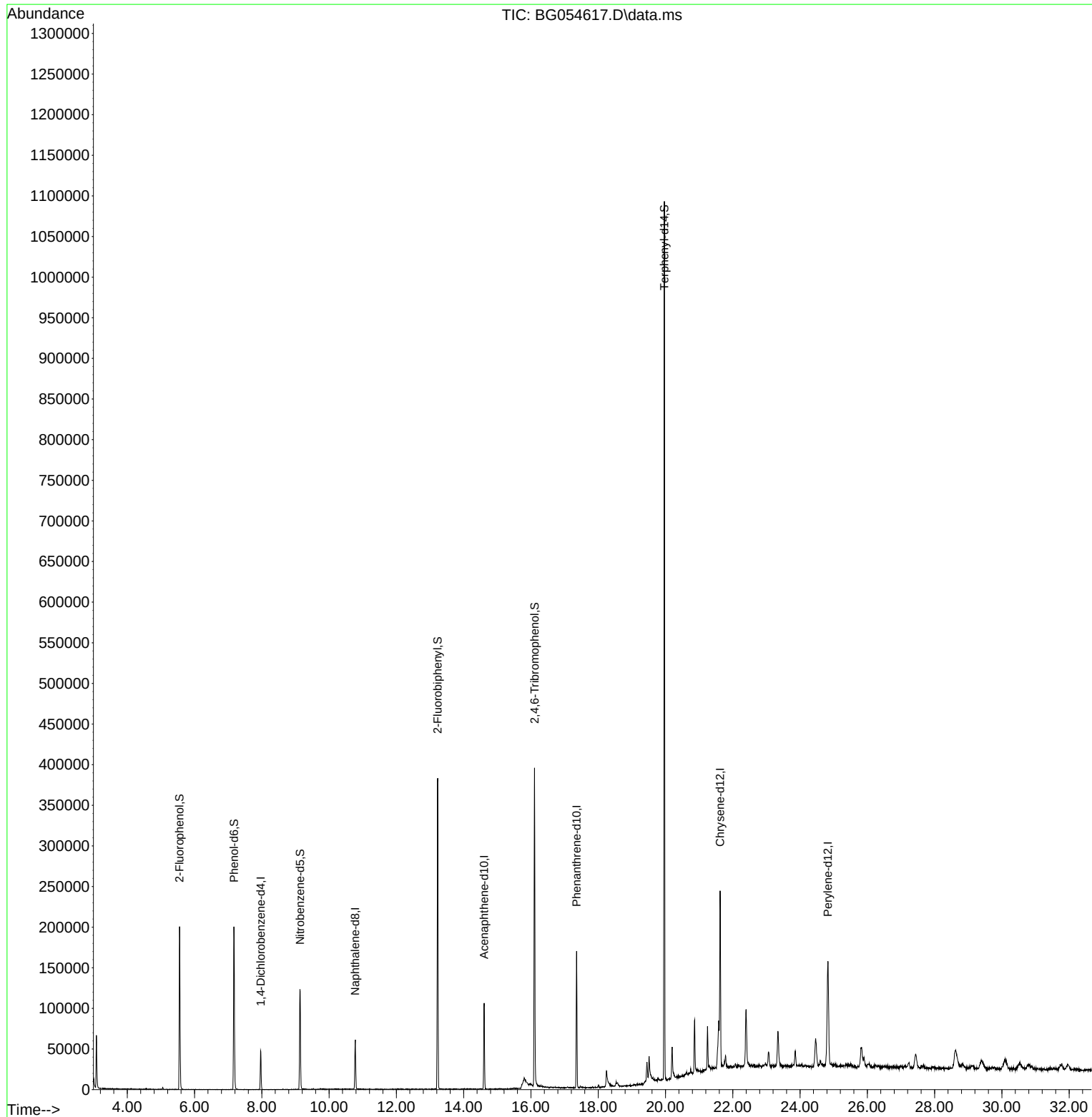
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

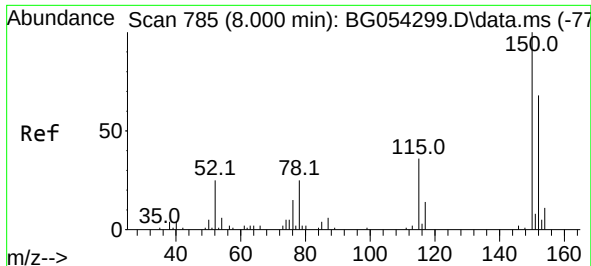
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Aug 13 00:32:40 2022  
Response via : Initial Calibration

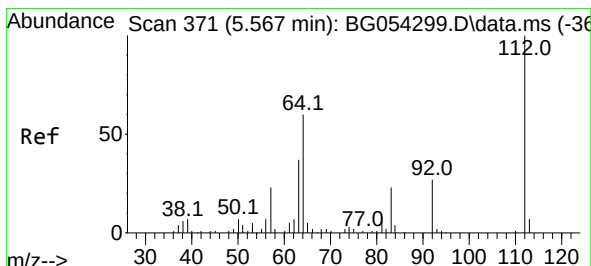
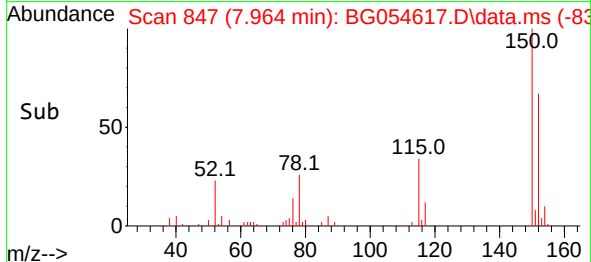
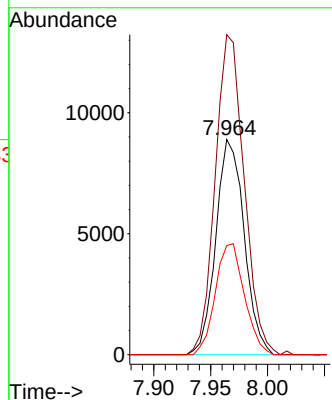
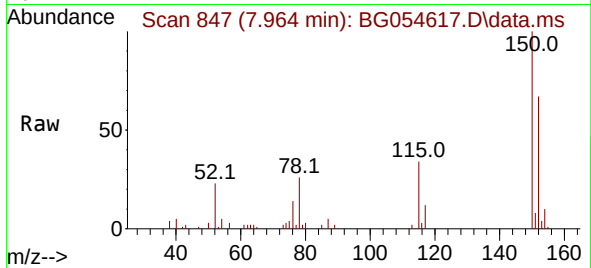




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.964 min Scan# 84  
Delta R.T. -0.004 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

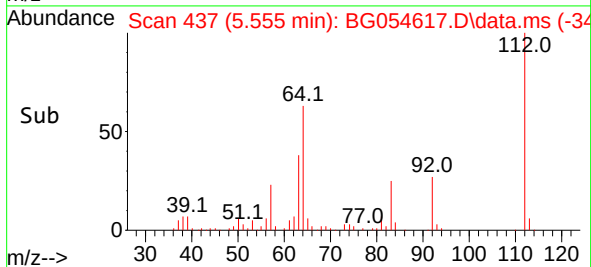
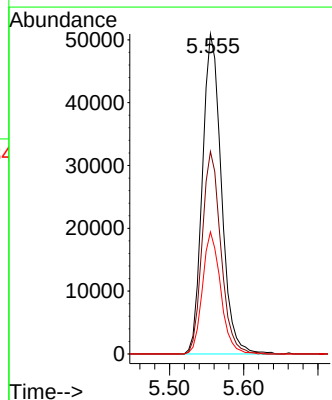
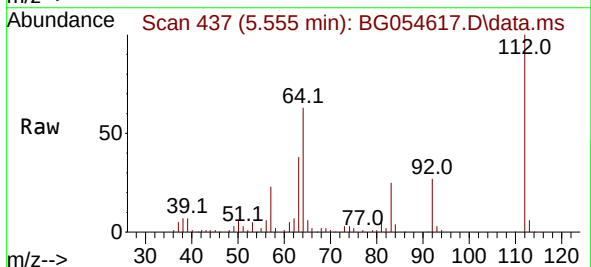
Instrument :  
BNA\_G  
ClientSampleId :  
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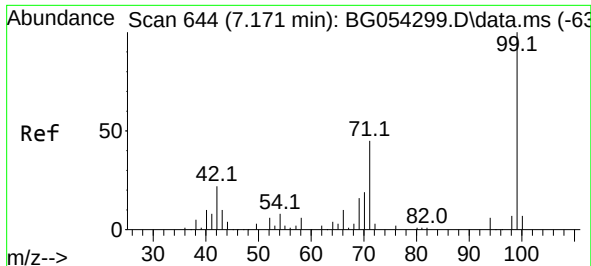
Tgt Ion:152 Resp: 15440  
Ion Ratio Lower Upper  
152 100  
150 148.7 131.6 197.4  
115 50.7 50.9 76.3#



#5  
2-Fluorophenol  
Concen: 122.838 ng  
RT: 5.555 min Scan# 437  
Delta R.T. 0.002 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

Tgt Ion:112 Resp: 90839  
Ion Ratio Lower Upper  
112 100  
64 63.2 55.1 82.7  
63 38.1 30.4 45.6

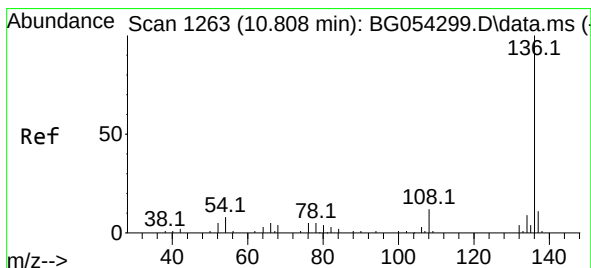
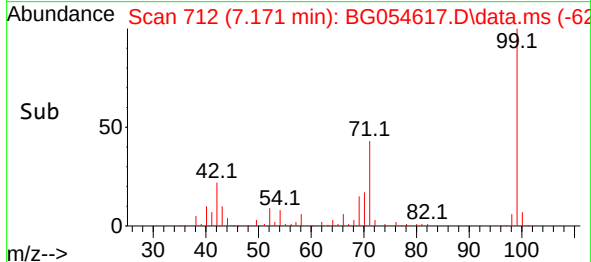
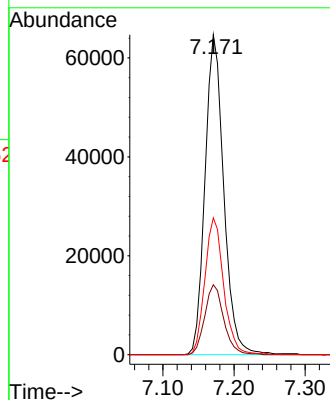
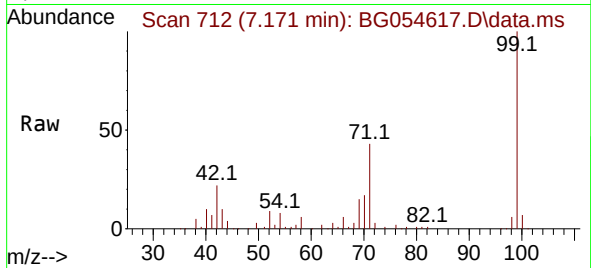




#7  
Phenol-d6  
Concen: 117.120 ng  
RT: 7.171 min Scan# 71  
Delta R.T. 0.002 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

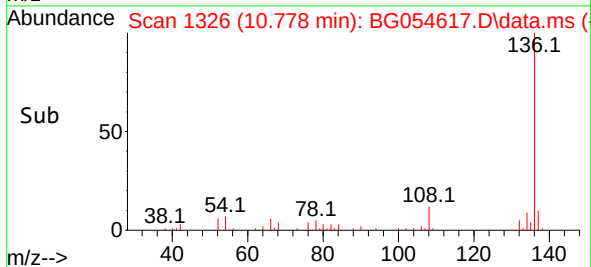
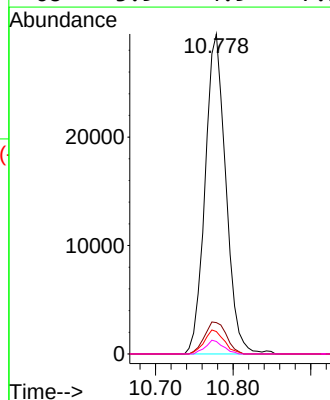
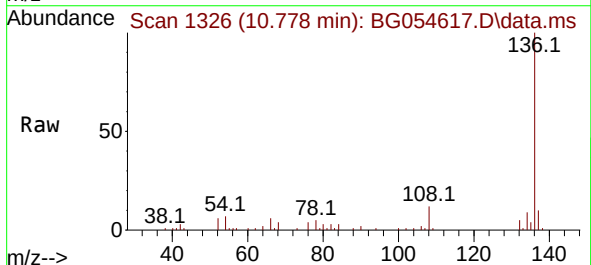
Instrument :  
BNA\_G  
ClientSampleId :  
BEACONPOINT-BACKFILL-07

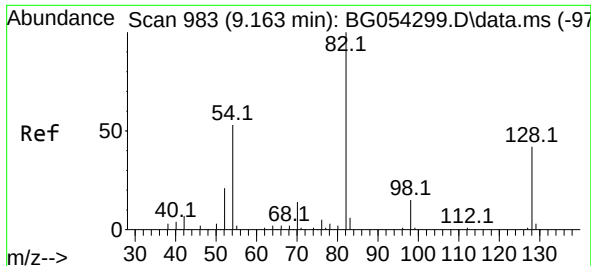
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 118678 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 21.8  | 17.0  | 25.6   |
| 71       | 42.7  | 33.8  | 50.8   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.778 min Scan# 1326  
Delta R.T. 0.002 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 54832 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 9.8   | 8.5   | 12.7  |
| 54       | 7.0   | 7.4   | 11.2# |
| 68       | 3.9   | 4.9   | 7.3#  |

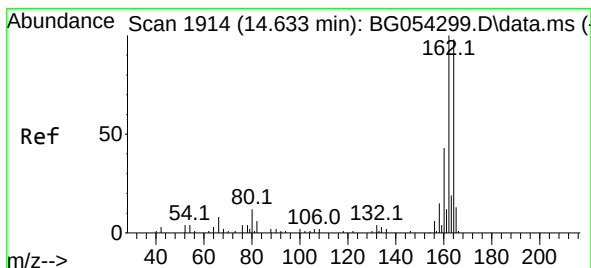
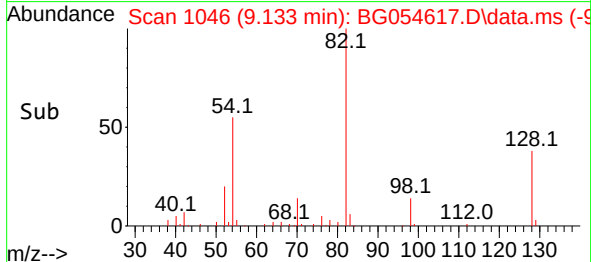
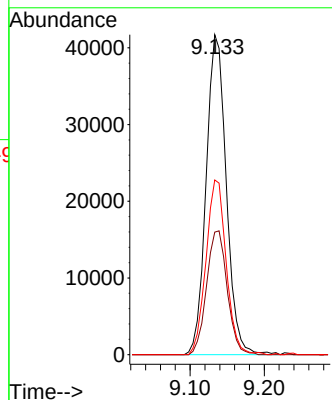
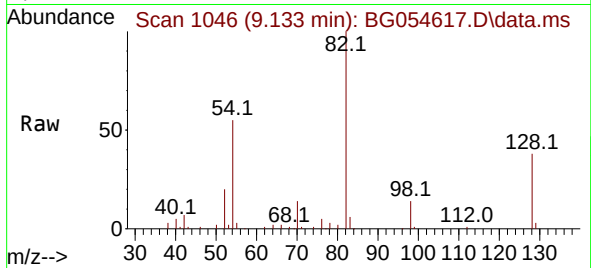




#23  
Nitrobenzene-d5  
Concen: 78.253 ng  
RT: 9.133 min Scan# 1046  
Delta R.T. -0.004 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

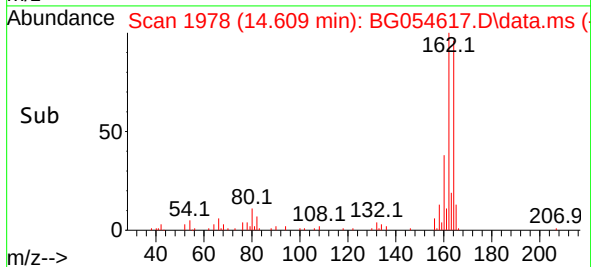
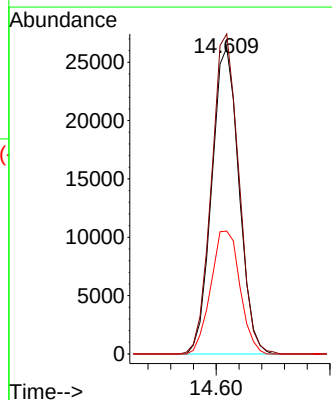
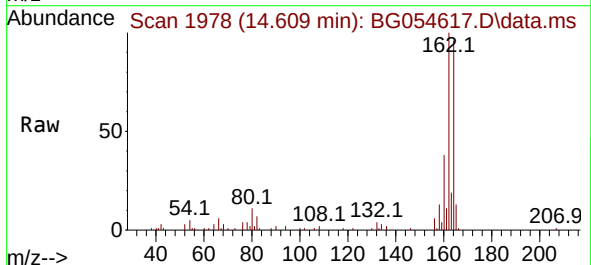
Instrument :  
BNA\_G  
ClientSampleId :  
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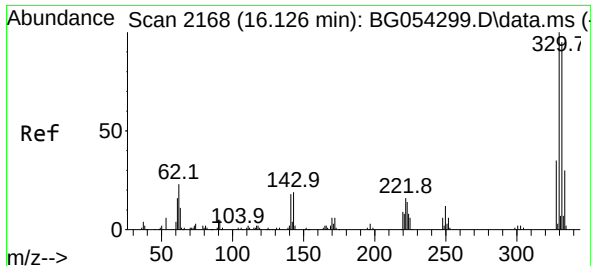
Tgt Ion: 82 Resp: 78792  
Ion Ratio Lower Upper  
82 100  
128 38.3 27.9 41.9  
54 54.6 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.609 min Scan# 1978  
Delta R.T. 0.002 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

Tgt Ion: 164 Resp: 43536  
Ion Ratio Lower Upper  
164 100  
162 104.4 82.3 123.5  
160 40.1 34.2 51.2

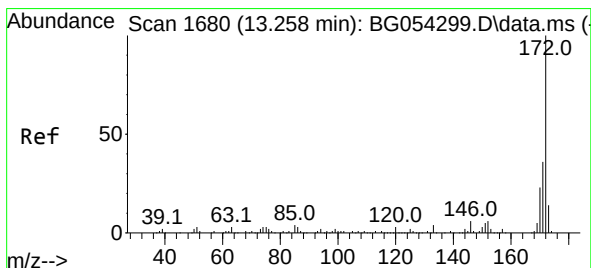
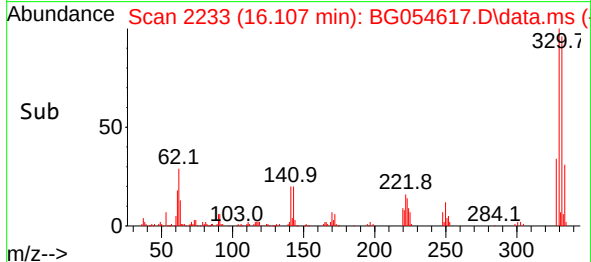
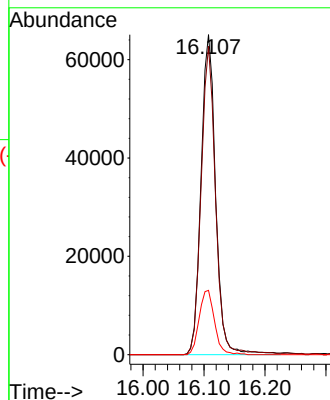
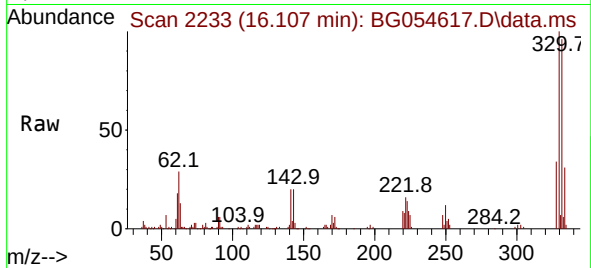




#42  
2,4,6-Tribromophenol  
Concen: 118.634 ng  
RT: 16.107 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

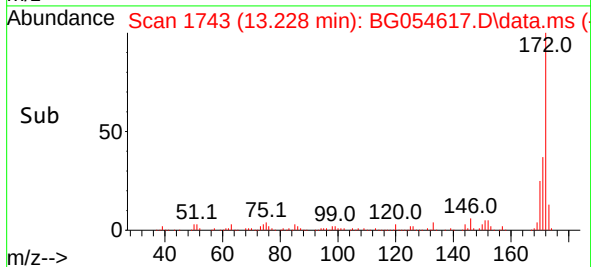
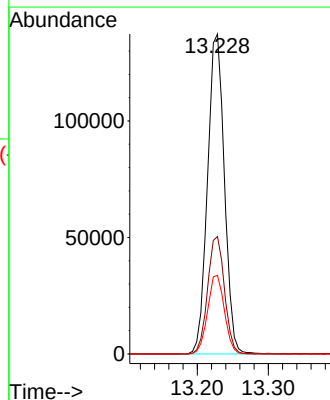
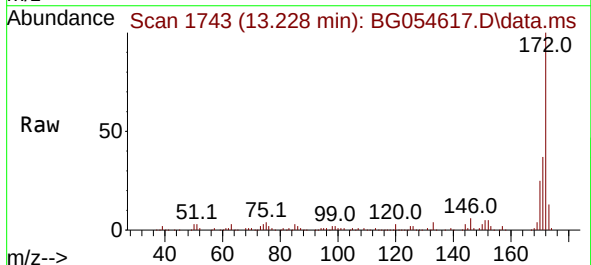
Instrument :  
BNA\_G  
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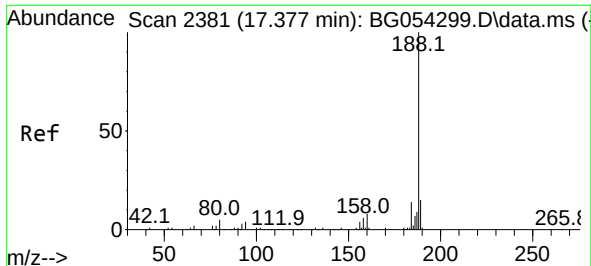
Tgt Ion:330 Resp: 108443  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.0 114.0  
141 21.1 27.1 40.7#



#45  
2-Fluorobiphenyl  
Concen: 73.344 ng  
RT: 13.228 min Scan# 1743  
Delta R.T. 0.002 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

Tgt Ion:172 Resp: 226350  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.5 42.7  
170 24.6 18.9 28.3

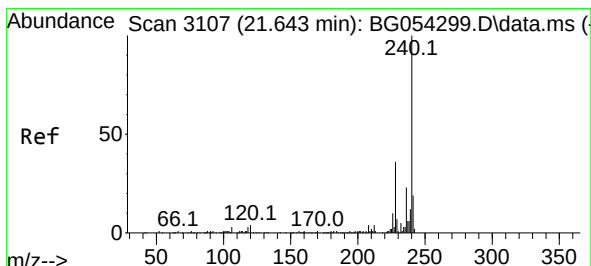
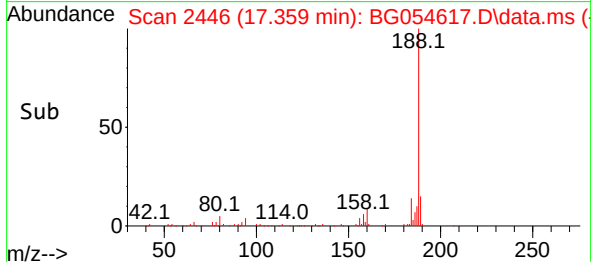
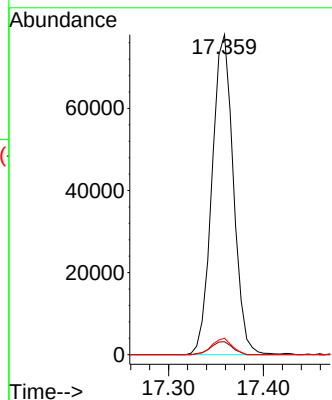
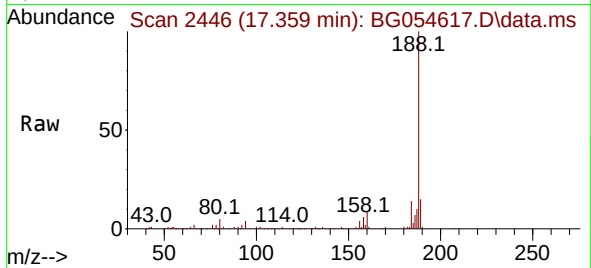




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.359 min Scan# 2446  
Delta R.T. 0.002 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

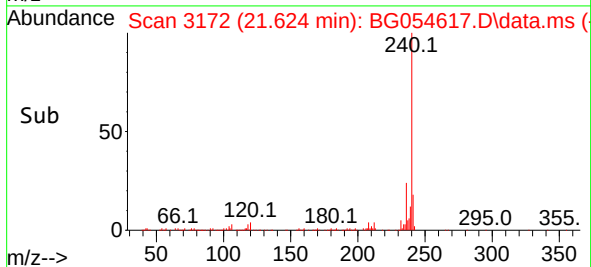
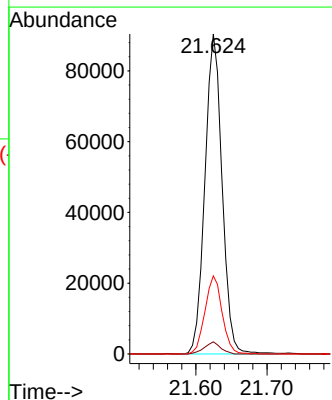
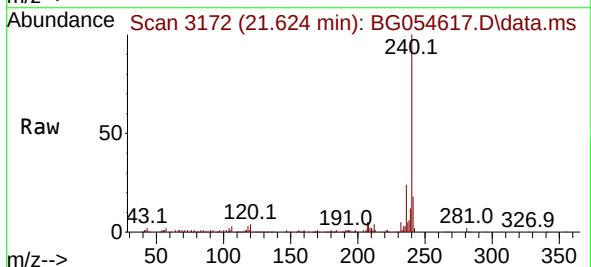
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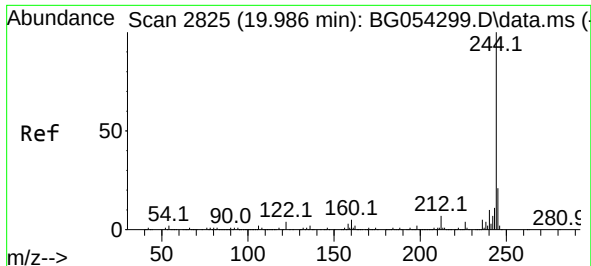
Tgt Ion:188 Resp: 121722  
Ion Ratio Lower Upper  
188 100  
94 4.1 5.4 8.0#  
80 5.1 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.624 min Scan# 3172  
Delta R.T. -0.004 min  
Lab File: BG054617.D  
Acq: 12 Aug 2022 11:18

Tgt Ion:240 Resp: 151596  
Ion Ratio Lower Upper  
240 100  
120 3.8 4.6 7.0#  
236 24.4 20.2 30.4

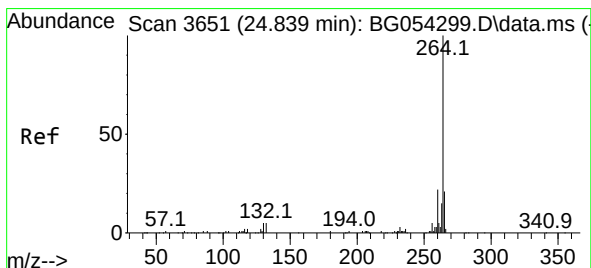
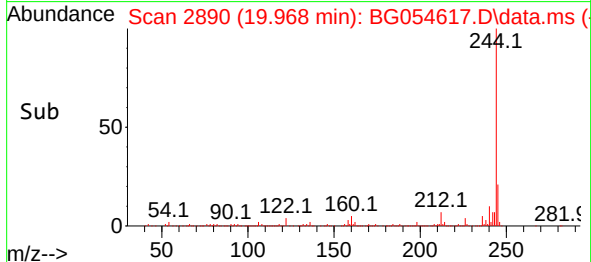
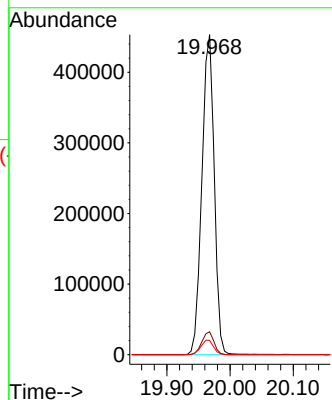
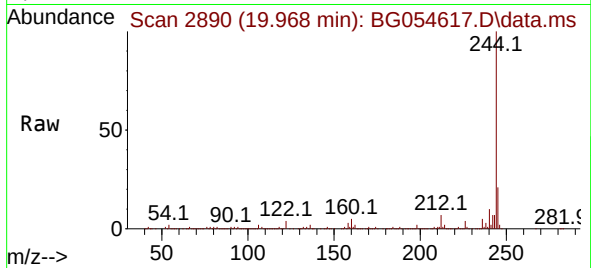




#79  
 Terphenyl-d14  
 Concen: 80.479 ng  
 RT: 19.968 min Scan# 21  
 Delta R.T. 0.002 min  
 Lab File: BG054617.D  
 Acq: 12 Aug 2022 11:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BEACONPOINT-BACKFILL-07

Tgt Ion:244 Resp: 614996  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.5 9.7  
 122 4.5 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.827 min Scan# 3717  
 Delta R.T. 0.002 min  
 Lab File: BG054617.D  
 Acq: 12 Aug 2022 11:18

Tgt Ion:264 Resp: 160144  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.6  
 265 21.5 17.4 26.2

