

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081222\  
 Data File : BG054618.D  
 Acq On : 12 Aug 2022 11:59  
 Operator : CG/JU  
 Sample : N4046-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BEACONPOINT-BACKFILL-03

Quant Time: Aug 13 00:36:06 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   | 7.965  | 152  | 13651    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.779 | 136  | 49873    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.610 | 164  | 41141    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.360 | 188  | 119276   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.625 | 240  | 154576   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.827 | 264  | 160654   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.556  | 112  | 103422   | 158.181 | ng    | 0.00     |
| 7) Phenol-d6                | 7.172  | 99   | 135842   | 151.627 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.134  | 82   | 90889    | 99.243  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.108 | 330  | 123443   | 142.906 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.229 | 172  | 270204   | 92.651  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.968 | 244  | 771727   | 99.042  | ng    | 0.00     |

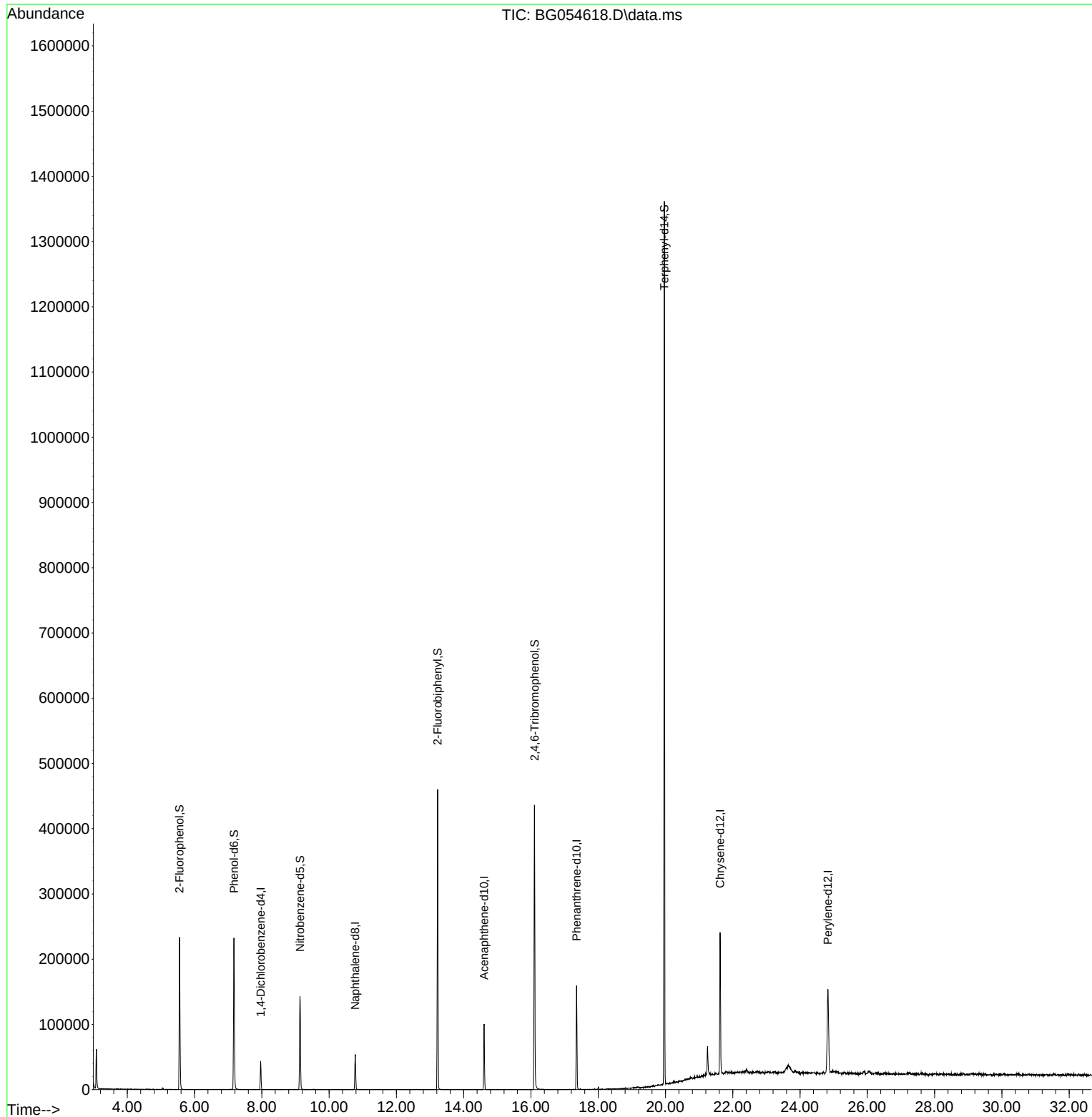
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

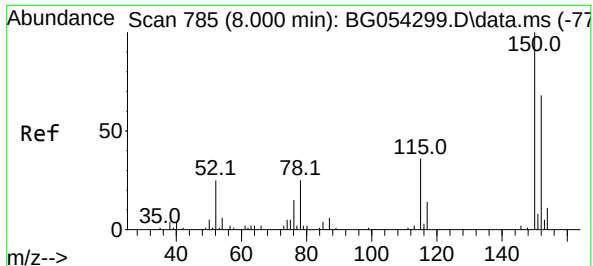
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N4046-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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BEACONPOINT-BACKFILL-03

Quant Time: Aug 13 00:36:06 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

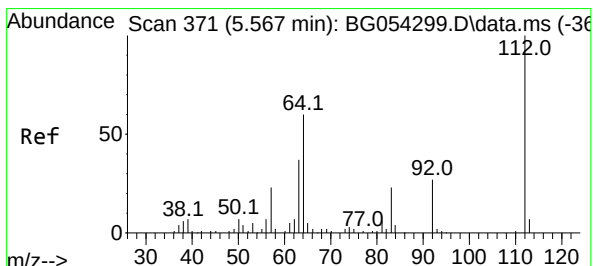
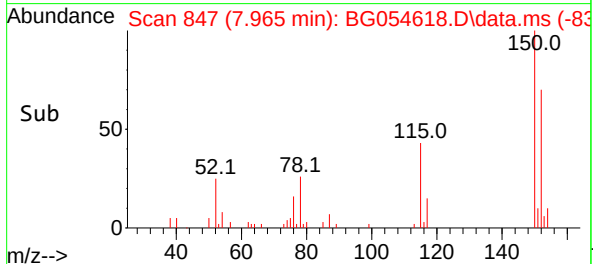
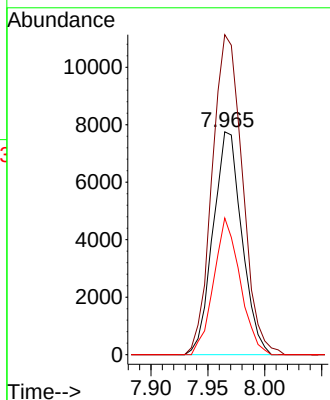
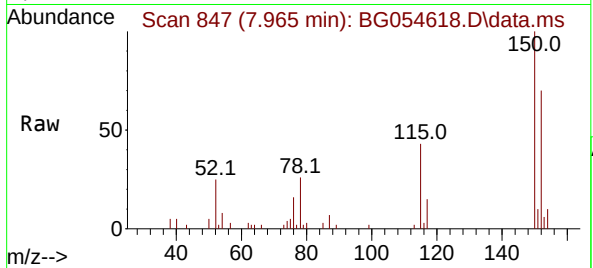




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.965 min Scan# 84  
Delta R.T. -0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

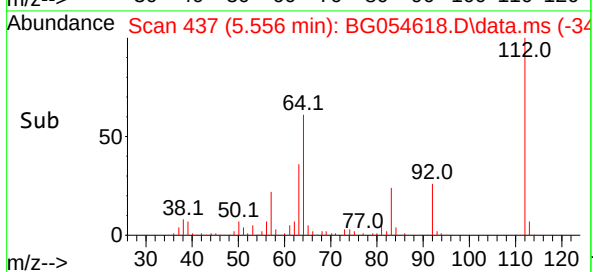
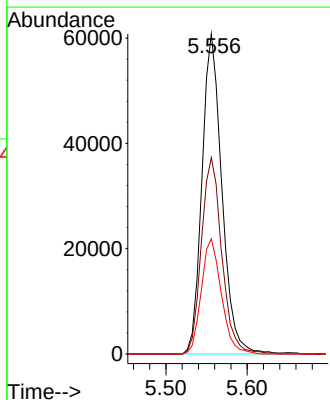
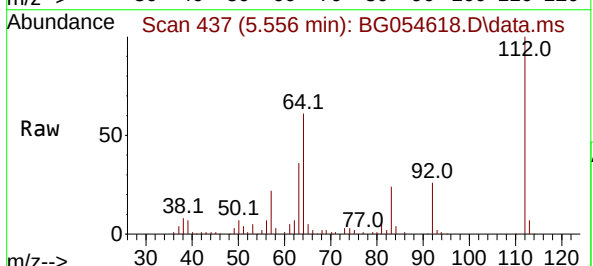
Instrument :  
BNA\_G  
ClientSampleId :  
BEACONPOINT-BACKFILL-03

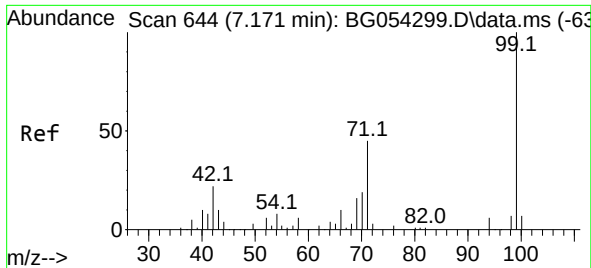
Tgt Ion:152 Resp: 13651  
Ion Ratio Lower Upper  
152 100  
150 143.6 131.6 197.4  
115 61.4 50.9 76.3



#5  
2-Fluorophenol  
Concen: 158.181 ng  
RT: 5.556 min Scan# 437  
Delta R.T. 0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

Tgt Ion:112 Resp: 103422  
Ion Ratio Lower Upper  
112 100  
64 61.3 55.1 82.7  
63 36.0 30.4 45.6

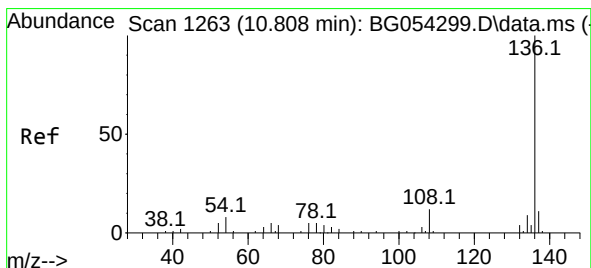
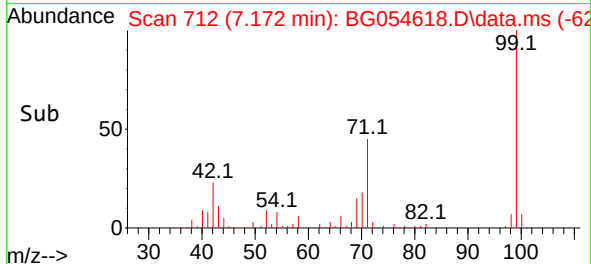
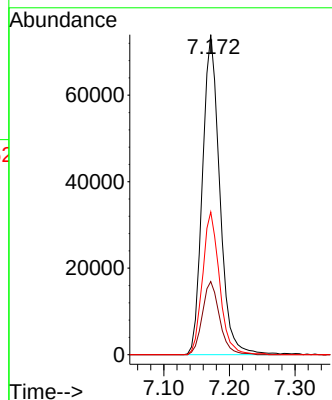
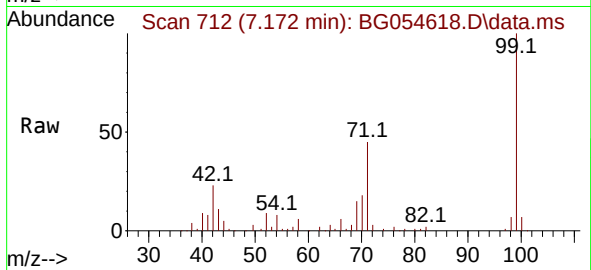




#7  
Phenol-d6  
Concen: 151.627 ng  
RT: 7.172 min Scan# 71  
Delta R.T. 0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

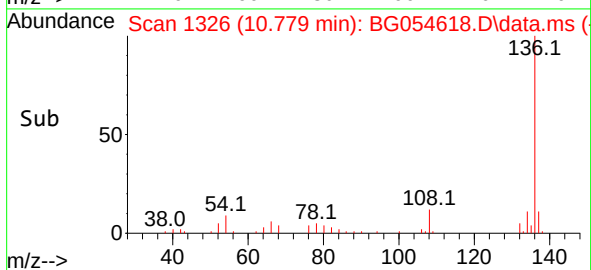
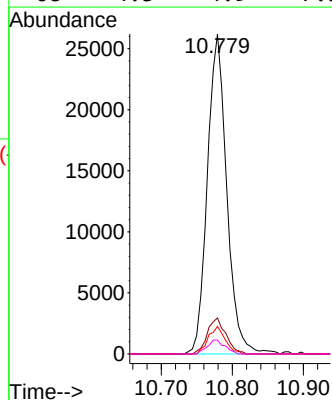
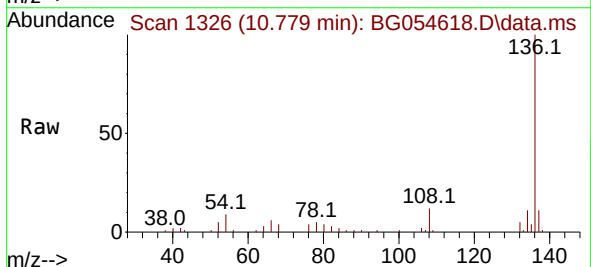
Instrument :  
BNA\_G  
ClientSampleId :  
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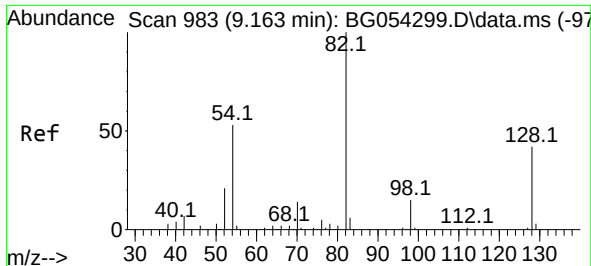
Tgt Ion: 99 Resp: 135842  
Ion Ratio Lower Upper  
99 100  
42 22.9 17.0 25.6  
71 44.6 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.779 min Scan# 1326  
Delta R.T. 0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

Tgt Ion:136 Resp: 49873  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.5 12.7  
54 8.6 7.4 11.2  
68 4.3 4.9 7.3#

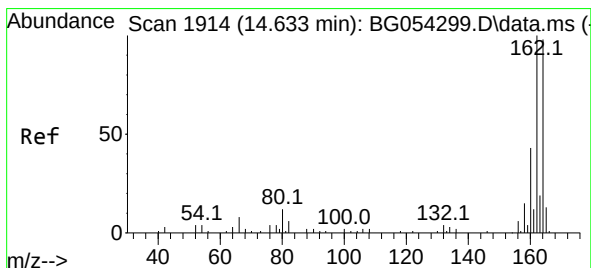
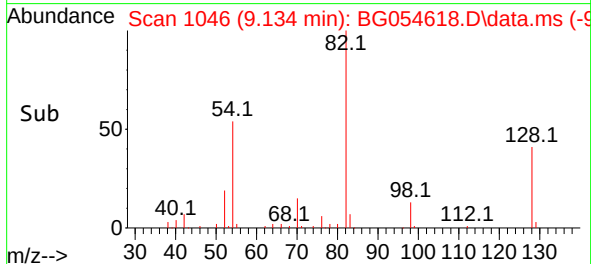
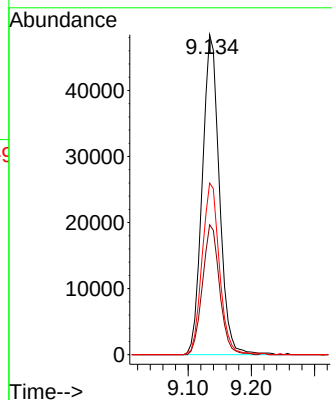
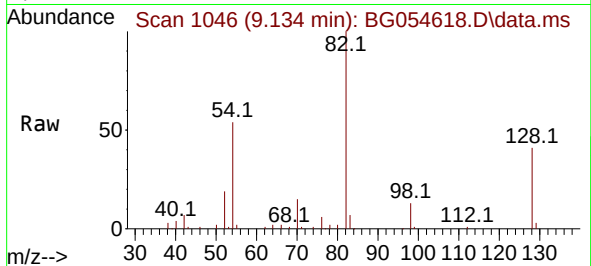




#23  
Nitrobenzene-d5  
Concen: 99.243 ng  
RT: 9.134 min Scan# 1046  
Delta R.T. -0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

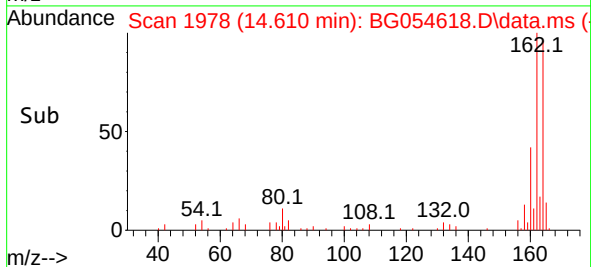
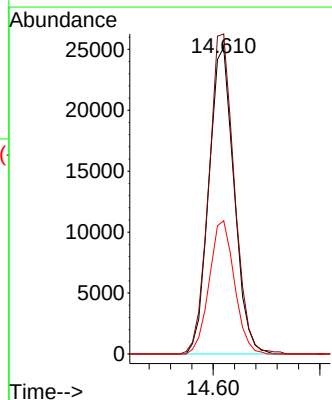
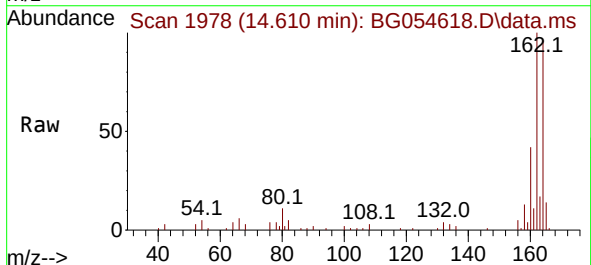
Instrument :  
BNA\_G  
ClientSampleId :  
BEACONPOINT-BACKFILL-03

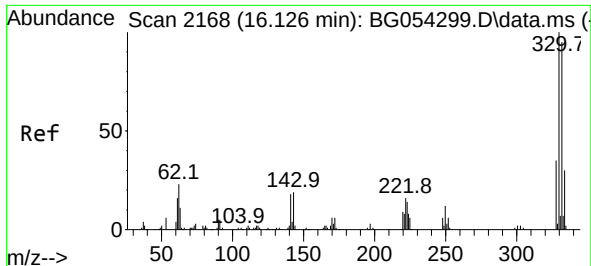
Tgt Ion: 82 Resp: 90889  
Ion Ratio Lower Upper  
82 100  
128 40.6 27.9 41.9  
54 53.6 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.610 min Scan# 1978  
Delta R.T. 0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

Tgt Ion:164 Resp: 41141  
Ion Ratio Lower Upper  
164 100  
162 104.4 82.3 123.5  
160 43.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 142.906 ng

RT: 16.108 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054618.D

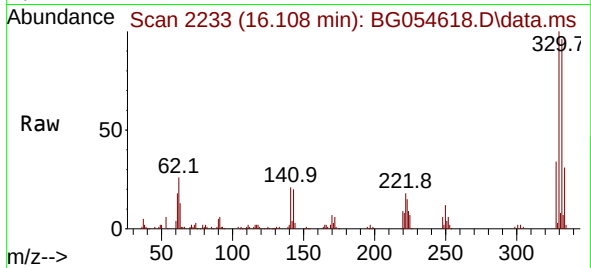
Acq: 12 Aug 2022 11:59

Instrument :

BNA\_G

ClientSampleId :

BEACONPOINT-BACKFILL-03



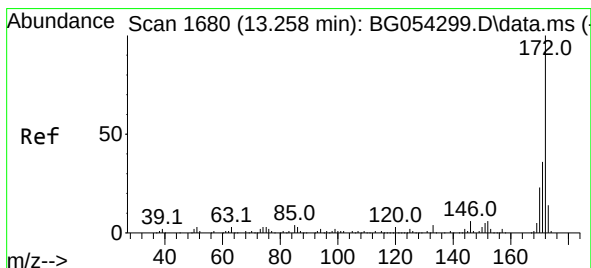
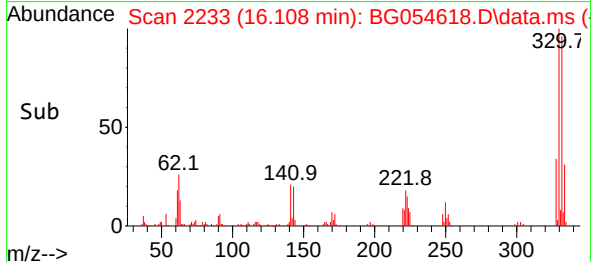
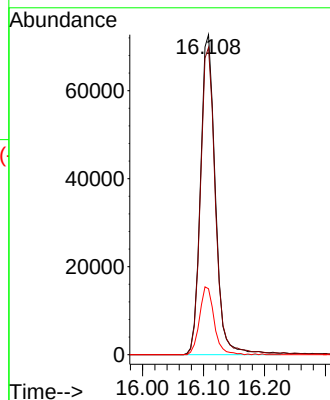
Tgt Ion:330 Resp: 123443

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 20.8 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 92.651 ng

RT: 13.229 min Scan# 1743

Delta R.T. 0.003 min

Lab File: BG054618.D

Acq: 12 Aug 2022 11:59

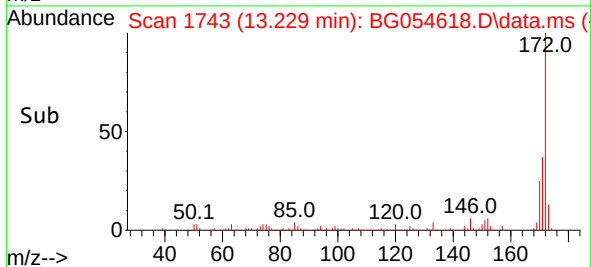
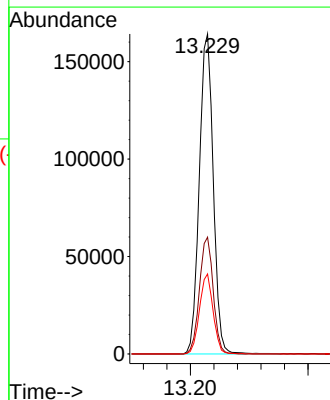
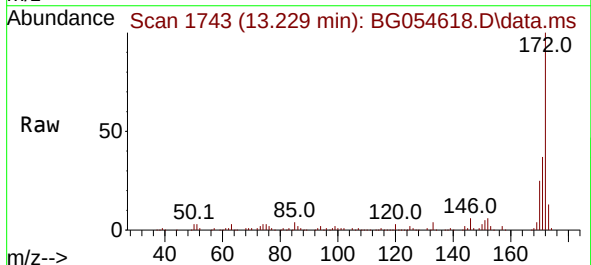
Tgt Ion:172 Resp: 270204

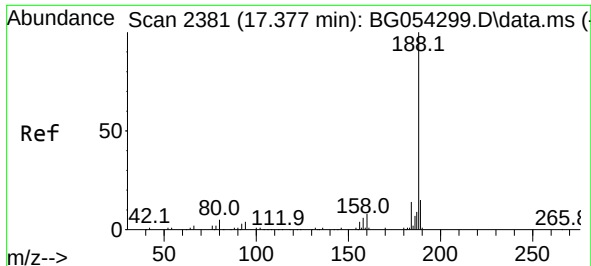
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 25.0 18.9 28.3

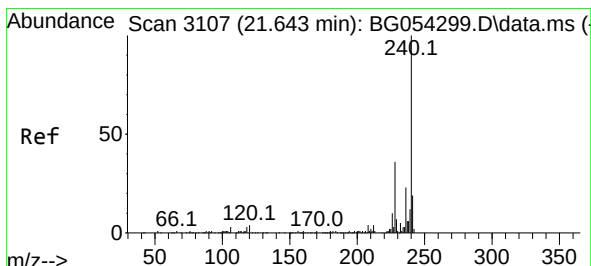
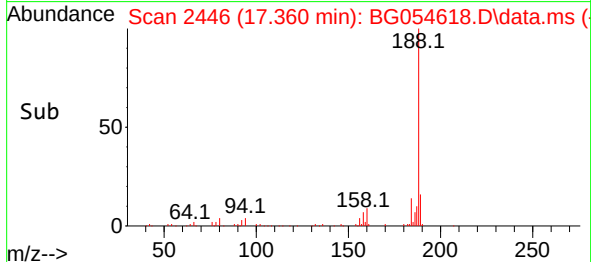
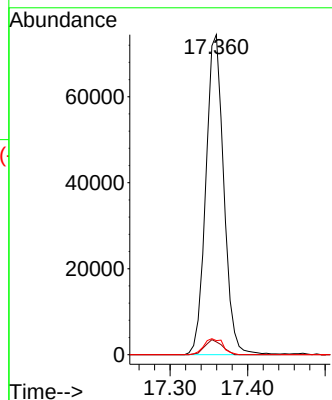
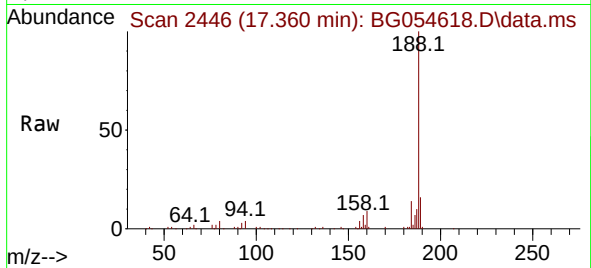




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.360 min Scan# 2446  
Delta R.T. 0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

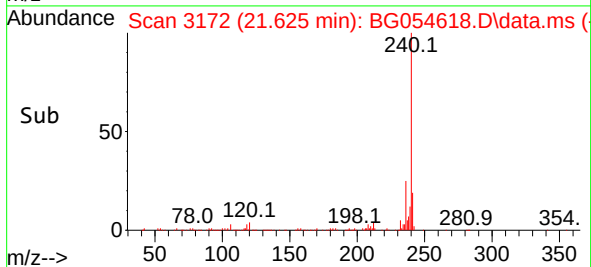
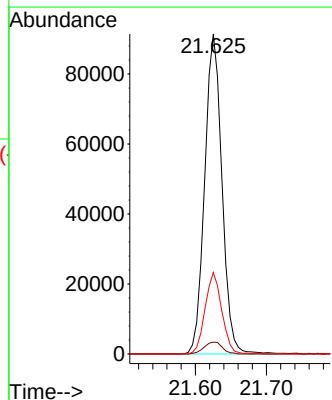
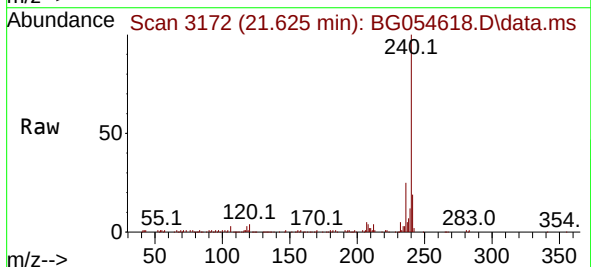
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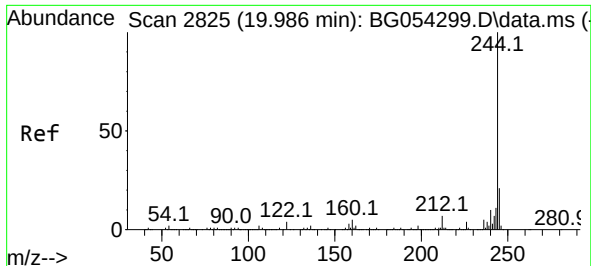
Tgt Ion:188 Resp: 119276  
Ion Ratio Lower Upper  
188 100  
94 4.0 5.4 8.0#  
80 4.4 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.625 min Scan# 3172  
Delta R.T. -0.003 min  
Lab File: BG054618.D  
Acq: 12 Aug 2022 11:59

Tgt Ion:240 Resp: 154576  
Ion Ratio Lower Upper  
240 100  
120 3.7 4.6 7.0#  
236 25.4 20.2 30.4

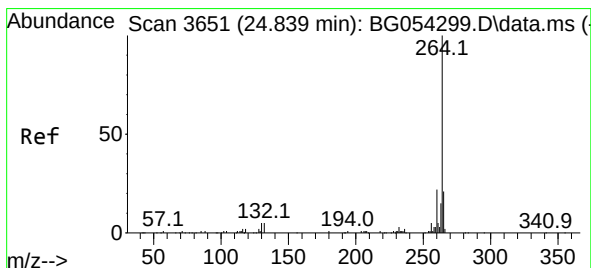
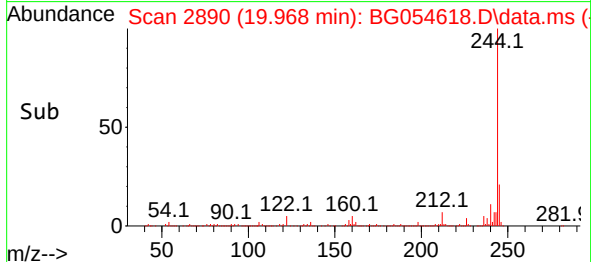
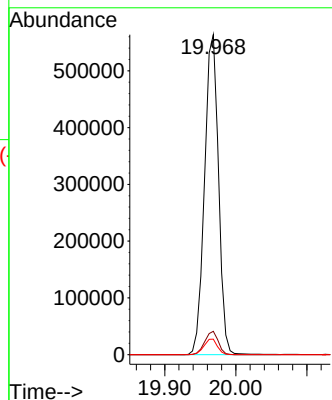
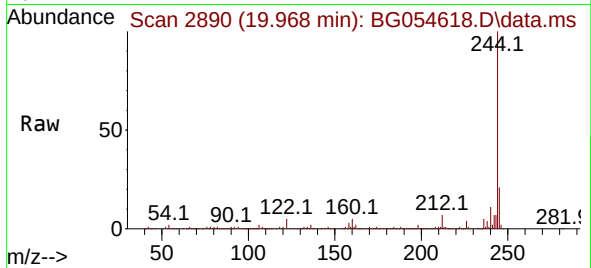




#79  
 Terphenyl-d14  
 Concen: 99.042 ng  
 RT: 19.968 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG054618.D  
 Acq: 12 Aug 2022 11:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:244 Resp: 771727  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.5 9.7  
 122 4.8 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.827 min Scan# 3717  
 Delta R.T. 0.003 min  
 Lab File: BG054618.D  
 Acq: 12 Aug 2022 11:59

Tgt Ion:264 Resp: 160654  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.6  
 265 20.8 17.4 26.2

