

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112122\  
 Data File : BG055725.D  
 Acq On : 21 Nov 2022 21:49  
 Operator : CG/JU  
 Sample : N5678-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 250FB-BP-BACKFILL-03

Quant Time: Nov 22 02:08:43 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.248  | 152  | 33894    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.074 | 136  | 154476   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.869 | 164  | 122205   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.607 | 188  | 279148   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.902 | 240  | 251782   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.310 | 264  | 267182   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.774  | 112  | 234178   | 124.884 | ng    | 0.00     |
| 7) Phenol-d6                | 7.390  | 99   | 319746   | 128.096 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.417  | 82   | 196835   | 67.348  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.350 | 330  | 183845   | 106.837 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.495 | 172  | 562093   | 68.908  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.193 | 244  | 958037   | 76.105  | ng    | -0.01    |

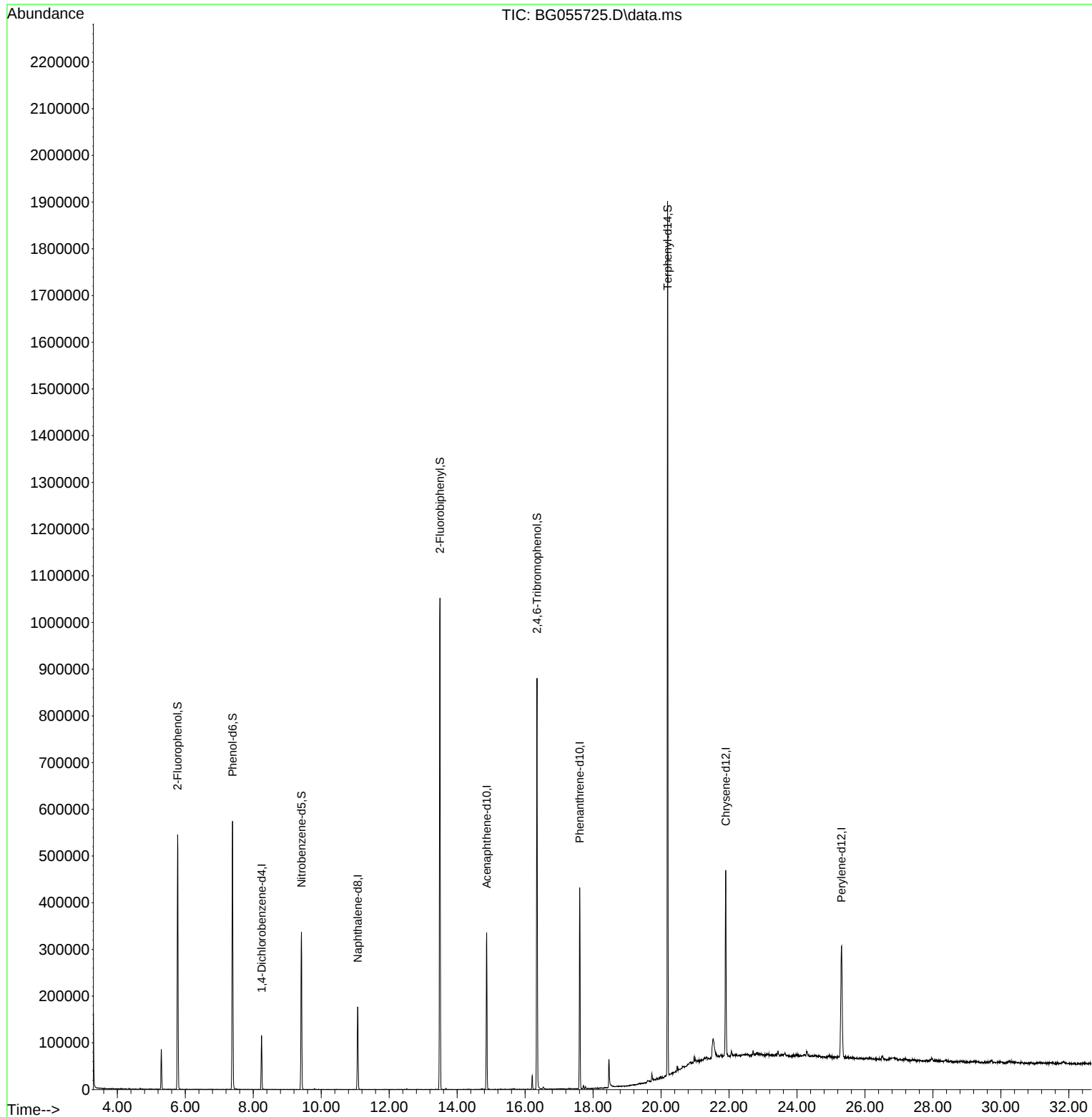
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

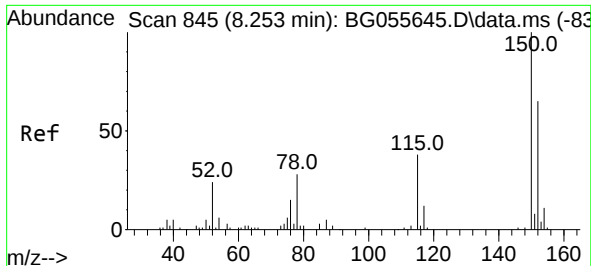
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112122\  
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ALS Vial : 10 Sample Multiplier: 1

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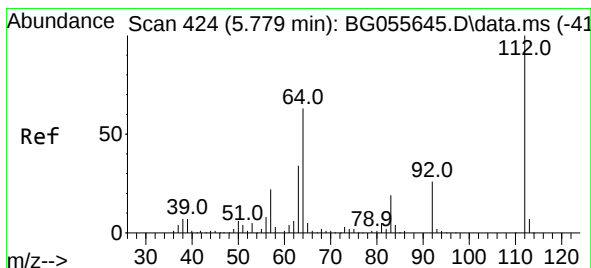
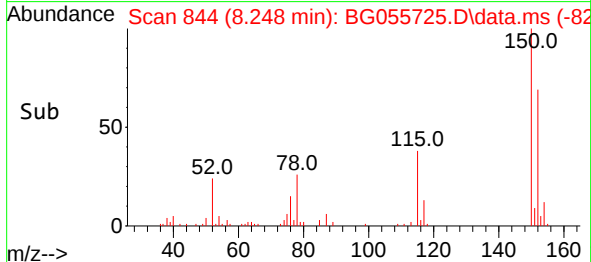
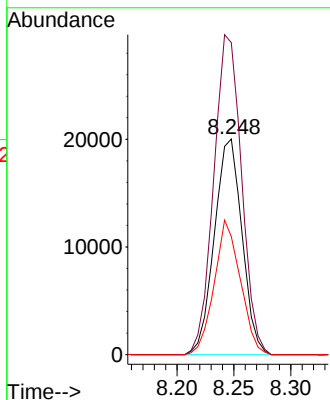
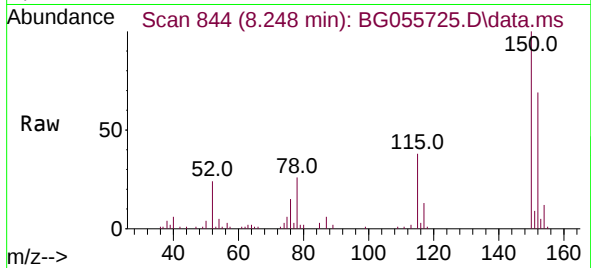




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.248 min Scan# 84  
Delta R.T. -0.005 min  
Lab File: BG055725.D  
Acq: 21 Nov 2022 21:49

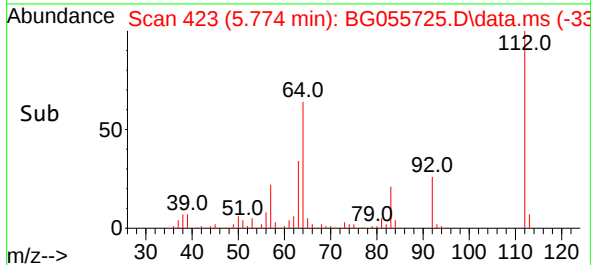
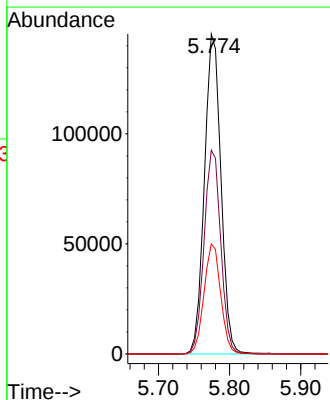
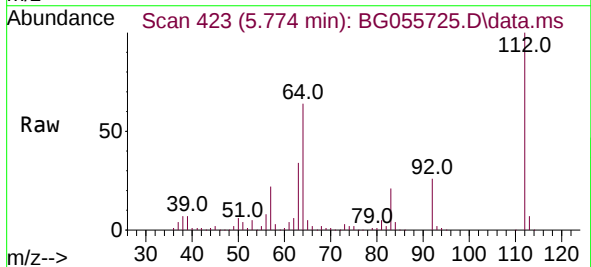
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-03

Tgt Ion:152 Resp: 33894  
Ion Ratio Lower Upper  
152 100  
150 144.7 123.0 184.6  
115 54.7 47.0 70.4



#5  
2-Fluorophenol  
Concen: 124.884 ng  
RT: 5.774 min Scan# 423  
Delta R.T. -0.005 min  
Lab File: BG055725.D  
Acq: 21 Nov 2022 21:49

Tgt Ion:112 Resp: 234178  
Ion Ratio Lower Upper  
112 100  
64 63.7 50.6 76.0  
63 34.4 27.5 41.3

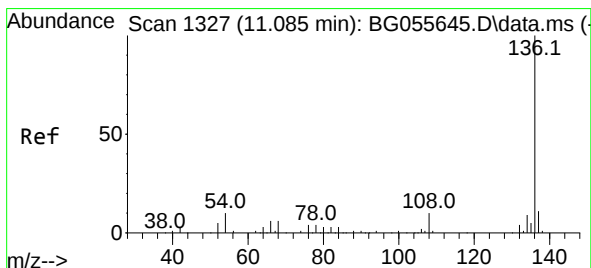
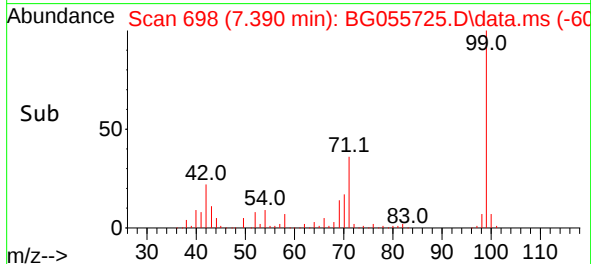
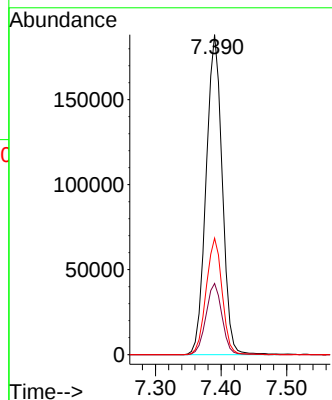
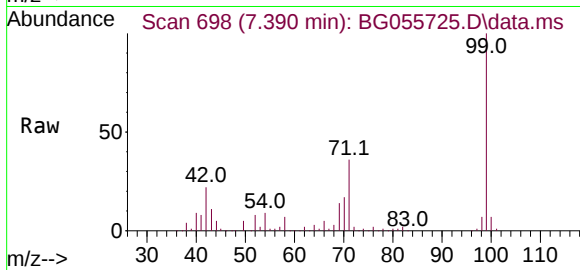




#7  
Phenol-d6  
Concen: 128.096 ng  
RT: 7.390 min Scan# 698  
Delta R.T. 0.001 min  
Lab File: BG055725.D  
Acq: 21 Nov 2022 21:49

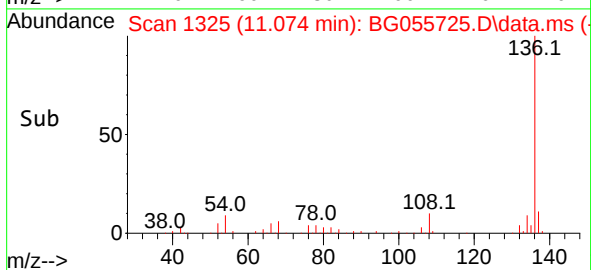
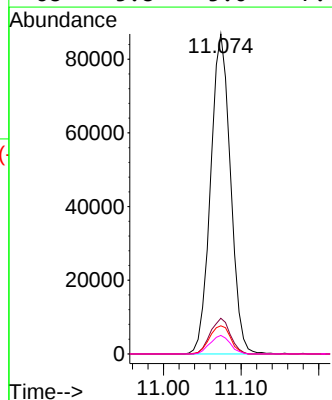
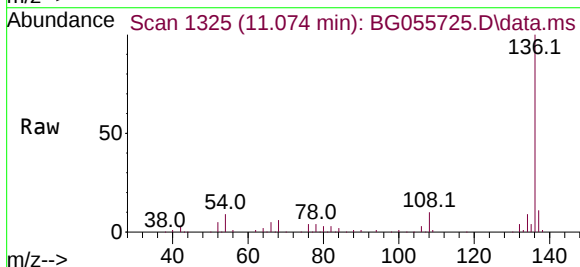
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 319746 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 22.3  | 18.0  | 27.0   |
| 71       | 36.4  | 29.0  | 43.6   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.074 min Scan# 1325  
Delta R.T. -0.011 min  
Lab File: BG055725.D  
Acq: 21 Nov 2022 21:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 154476 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.0   | 13.6   |
| 54       | 8.8   | 7.8   | 11.6   |
| 68       | 5.8   | 5.0   | 7.4    |





#23

Nitrobenzene-d5

Concen: 67.348 ng

RT: 9.417 min Scan# 1043

Delta R.T. -0.011 min

Lab File: BG055725.D

Acq: 21 Nov 2022 21:49

Instrument :

BNA\_G

ClientSampleId :

250FB-BP-BACKFILL-03

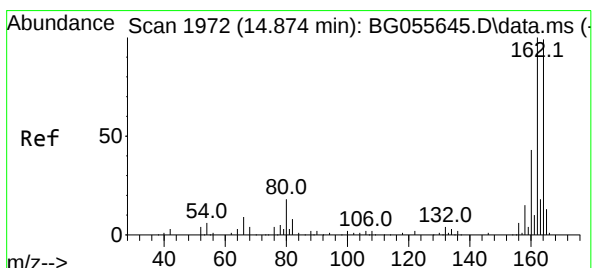
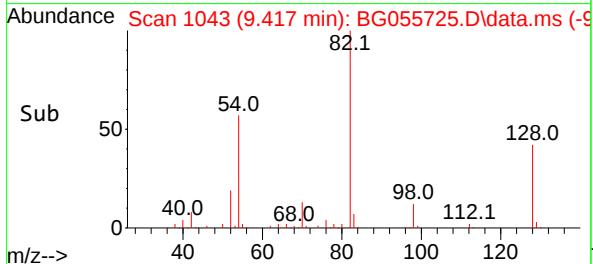
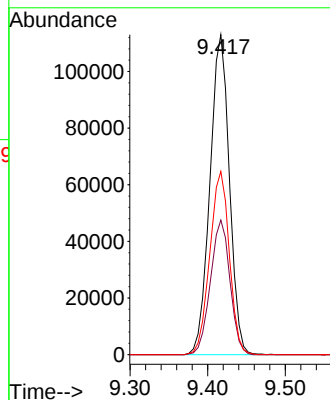
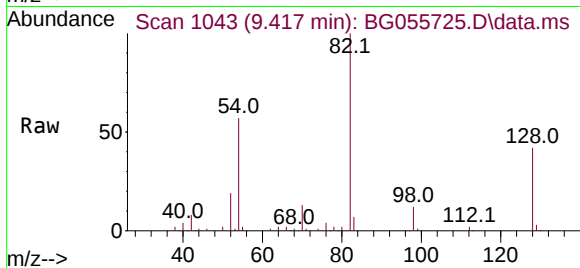
Tgt Ion: 82 Resp: 196835

Ion Ratio Lower Upper

82 100

128 42.0 34.1 51.1

54 57.2 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.869 min Scan# 1971

Delta R.T. -0.005 min

Lab File: BG055725.D

Acq: 21 Nov 2022 21:49

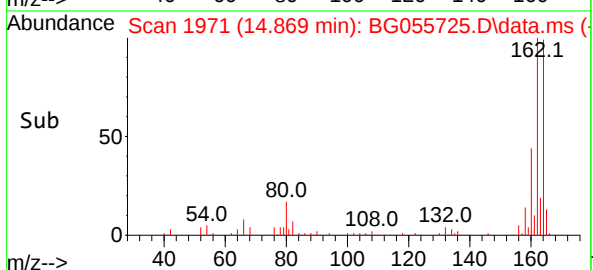
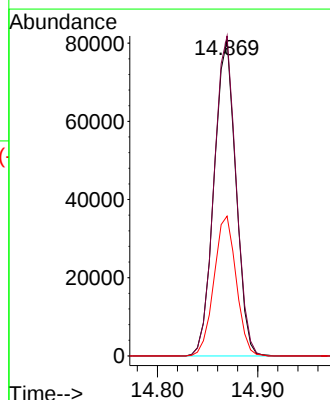
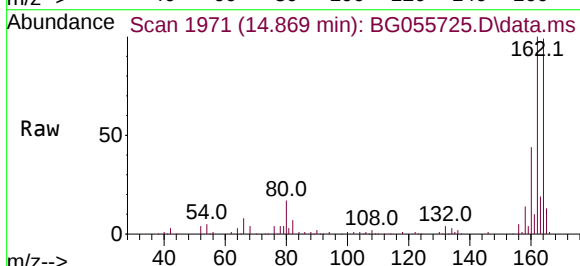
Tgt Ion:164 Resp: 122205

Ion Ratio Lower Upper

164 100

162 101.2 81.1 121.7

160 44.2 34.8 52.2

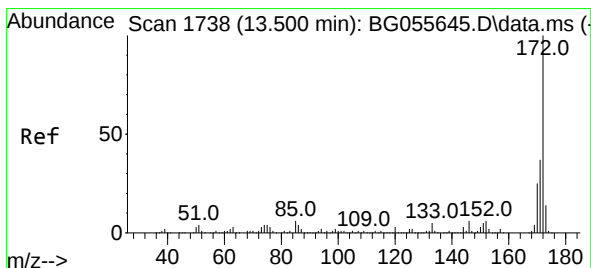
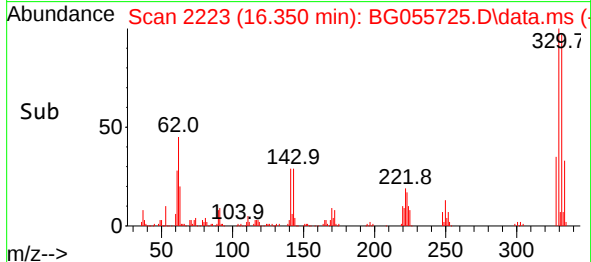
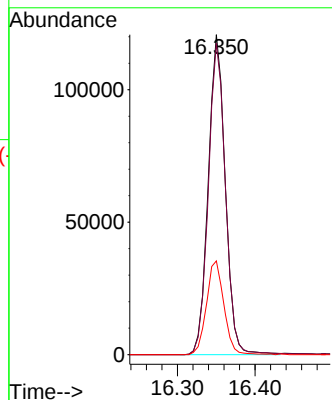
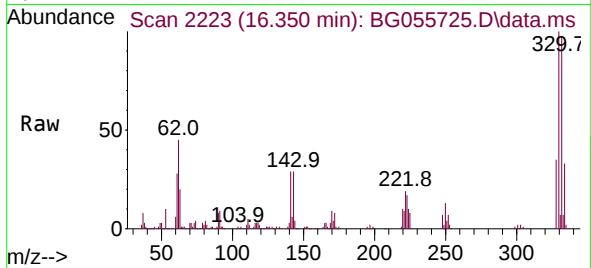




#42  
 2,4,6-Tribromophenol  
 Concen: 106.837 ng  
 RT: 16.350 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG055725.D  
 Acq: 21 Nov 2022 21:49

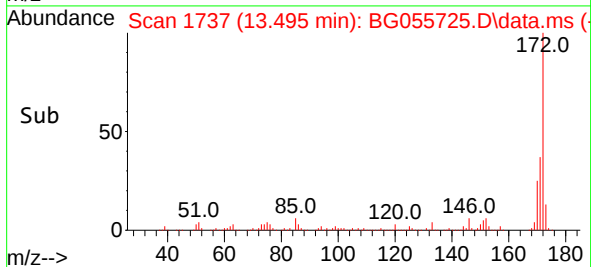
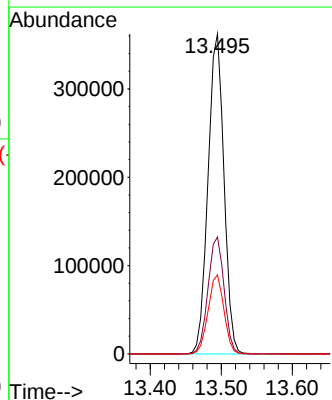
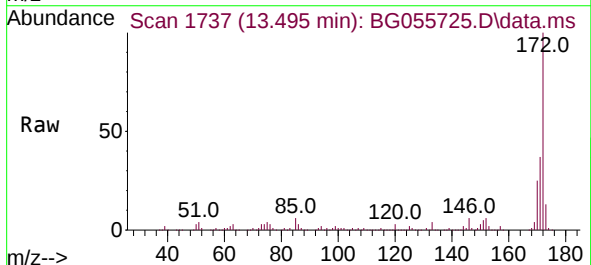
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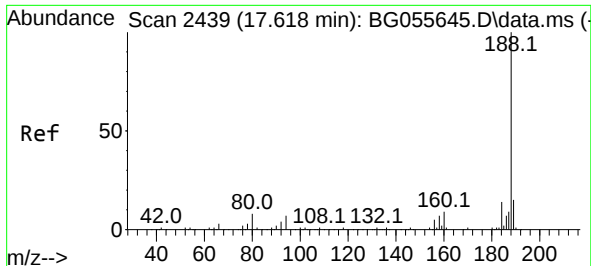
Tgt Ion:330 Resp: 183845  
 Ion Ratio Lower Upper  
 330 100  
 332 98.4 77.8 116.8  
 141 29.9 23.9 35.9



#45  
 2-Fluorobiphenyl  
 Concen: 68.908 ng  
 RT: 13.495 min Scan# 1737  
 Delta R.T. -0.005 min  
 Lab File: BG055725.D  
 Acq: 21 Nov 2022 21:49

Tgt Ion:172 Resp: 562093  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 29.8 44.6  
 170 24.7 20.2 30.4

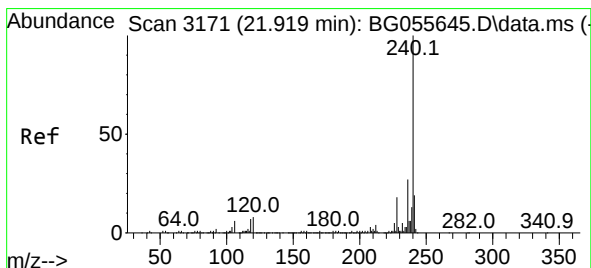
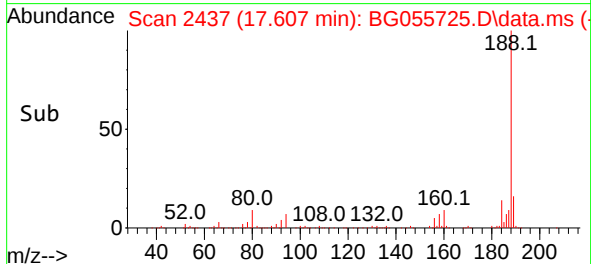
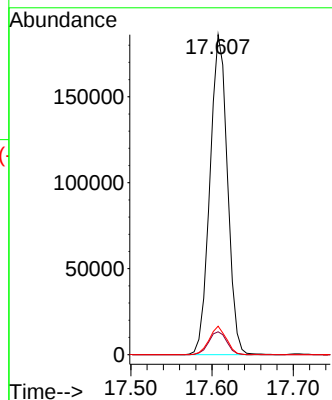
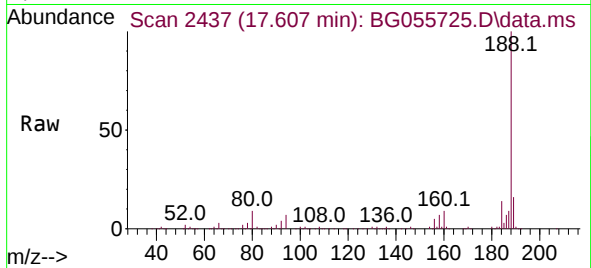




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.607 min Scan# 2437  
Delta R.T. -0.011 min  
Lab File: BG055725.D  
Acq: 21 Nov 2022 21:49

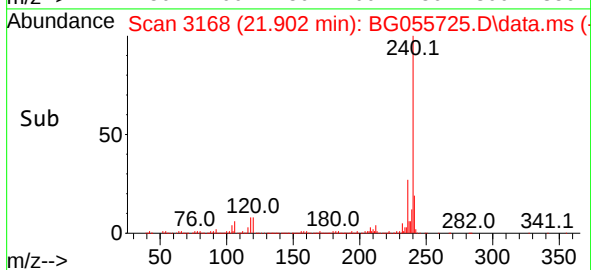
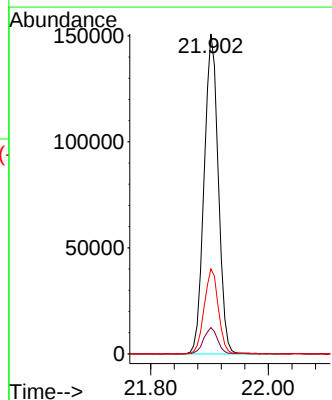
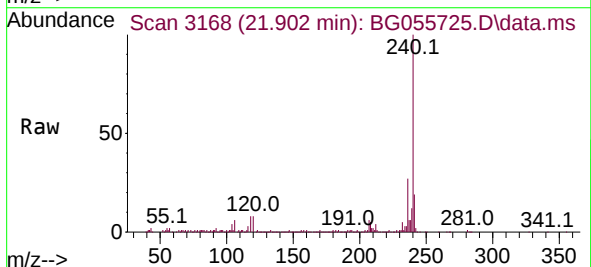
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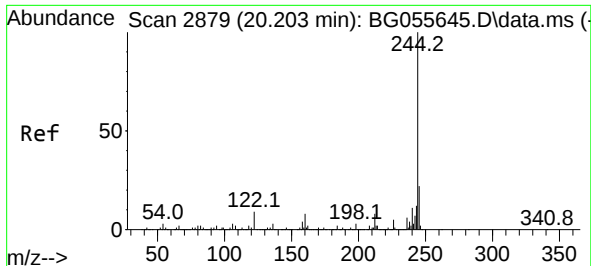
Tgt Ion:188 Resp: 279148  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.4 8.2  
80 8.9 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.902 min Scan# 3168  
Delta R.T. -0.017 min  
Lab File: BG055725.D  
Acq: 21 Nov 2022 21:49

Tgt Ion:240 Resp: 251782  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.3 9.5  
236 26.5 21.9 32.9

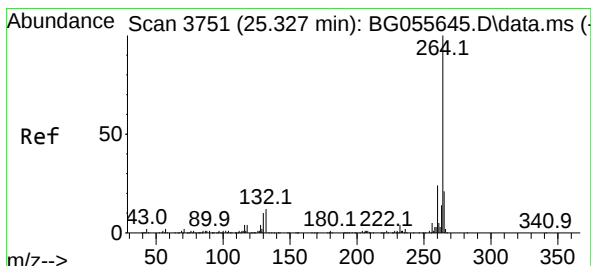
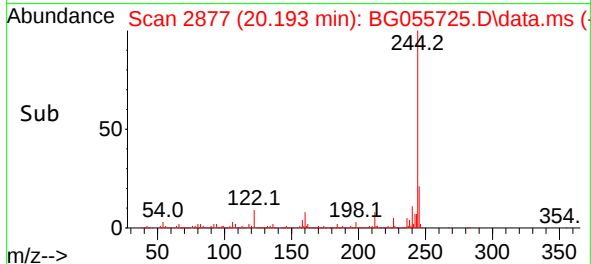
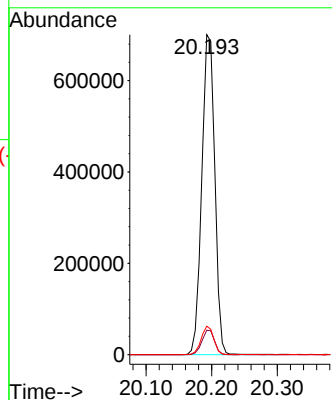
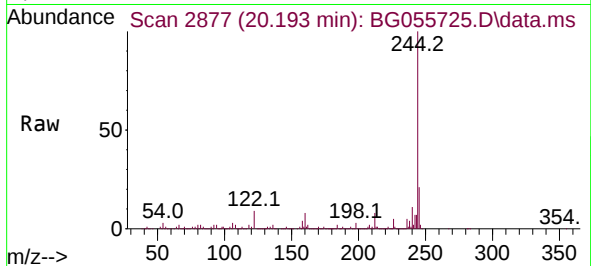




#79  
 Terphenyl-d14  
 Concen: 76.105 ng  
 RT: 20.193 min Scan# 21  
 Delta R.T. -0.011 min  
 Lab File: BG055725.D  
 Acq: 21 Nov 2022 21:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 250FB-BP-BACKFILL-03

Tgt Ion:244 Resp: 958037  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.3 9.5  
 122 8.9 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.310 min Scan# 3748  
 Delta R.T. -0.017 min  
 Lab File: BG055725.D  
 Acq: 21 Nov 2022 21:49

Tgt Ion:264 Resp: 267182  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.5 29.3  
 265 21.7 17.1 25.7

