

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110922\  
 Data File : BG055517.D  
 Acq On : 9 Nov 2022 10:21  
 Operator : CG/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Nov 09 13:57:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 09 13:56:20 2022  
 Response via : Initial Calibration

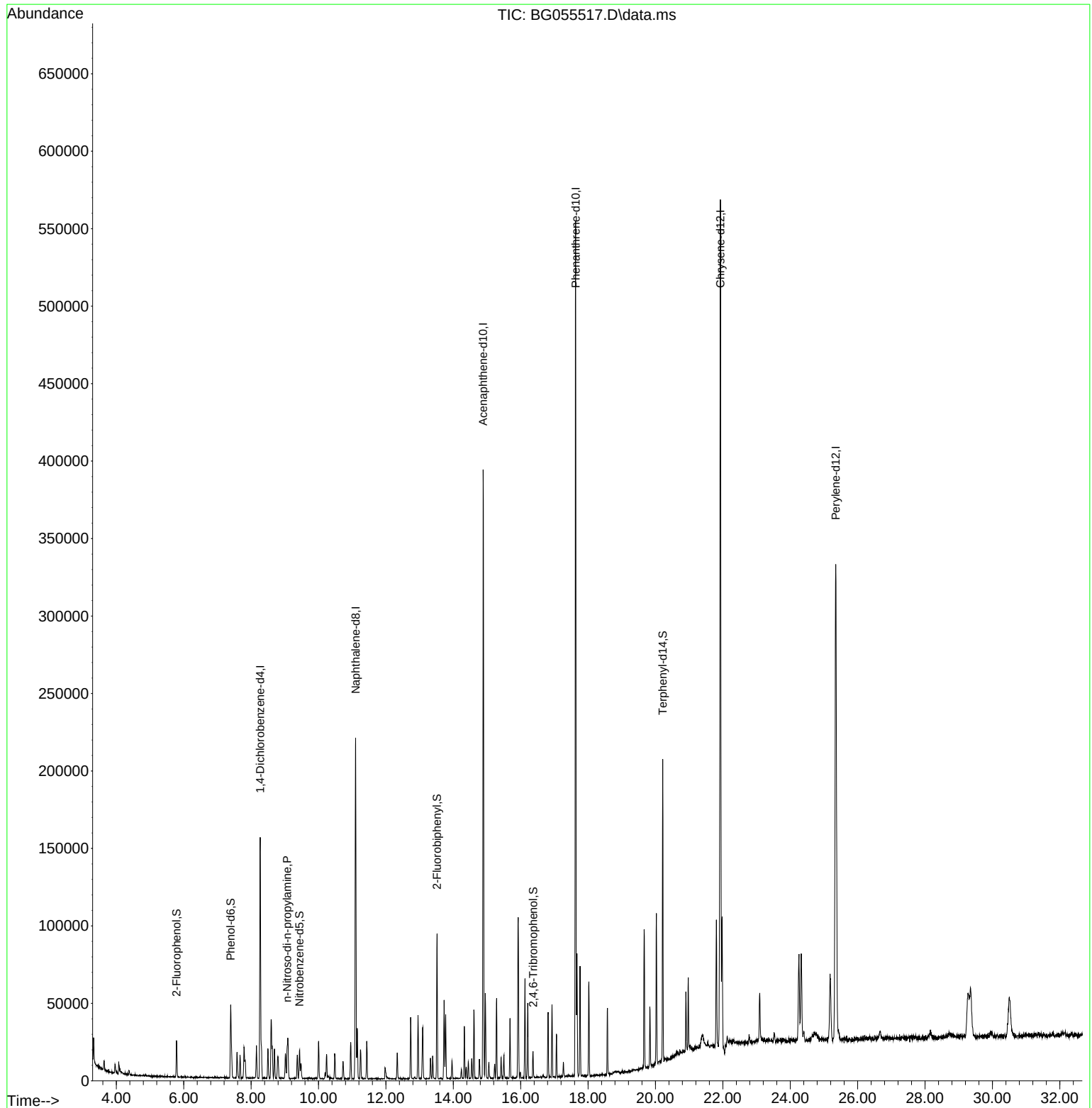
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 8.271  | 152  | 44398    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 11.103 | 136  | 189968   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.887 | 164  | 138435   | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.631 | 188  | 345307   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 21.926 | 240  | 339866   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 25.351 | 264  | 354142   | 20.000 | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.786  | 112  | 10721    | 4.094  | ng    | 0.00        |
| 7) Phenol-d6                  | 7.396  | 99   | 14839    | 4.134  | ng    | 0.00        |
| 23) Nitrobenzene-d5           | 9.434  | 82   | 10087    | 4.042  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol      | 16.367 | 330  | 4443     | 3.545  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 13.518 | 172  | 50072    | 5.437  | ng    | 0.00        |
| 79) Terphenyl-d14             | 20.216 | 244  | 91886    | 5.188  | ng    | 0.00        |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 9.070  | 70   | 6574     | 2.229  | ng    | Qvalue # 96 |
| -----                         |        |      |          |        |       |             |

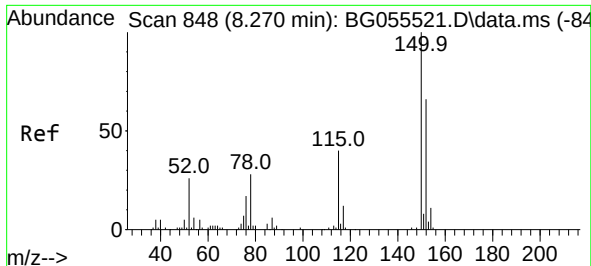
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110922\  
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Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Quant Time: Nov 09 13:57:30 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 09 13:56:20 2022  
Response via : Initial Calibration

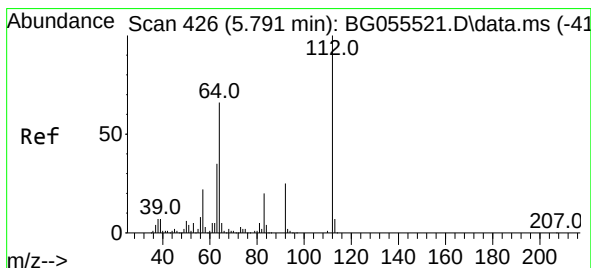
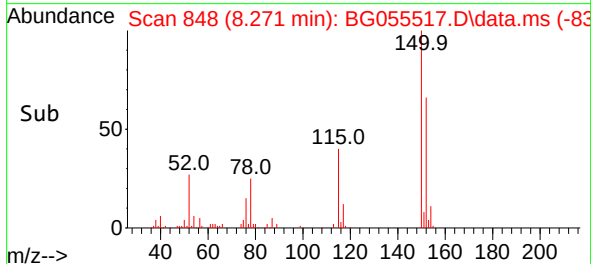
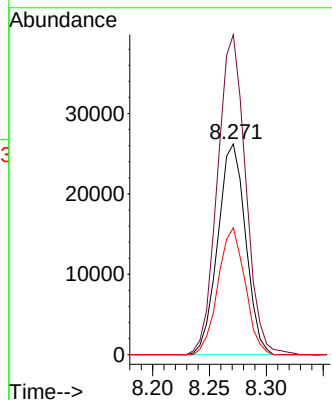
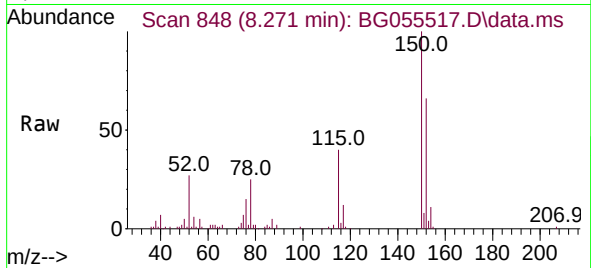




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.271 min Scan# 84  
Delta R.T. 0.001 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

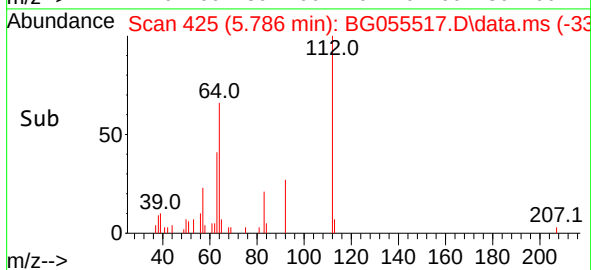
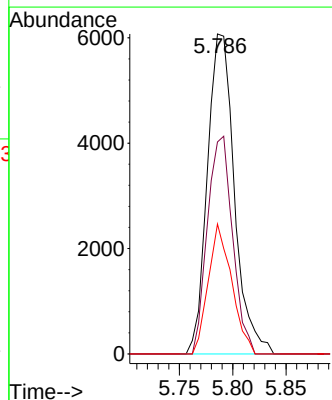
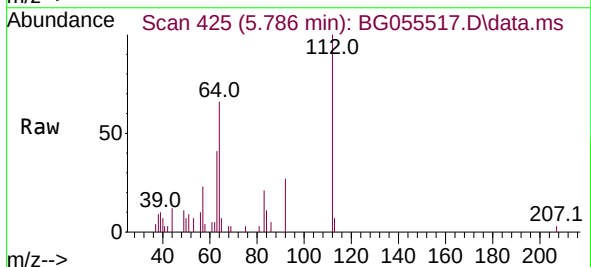
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

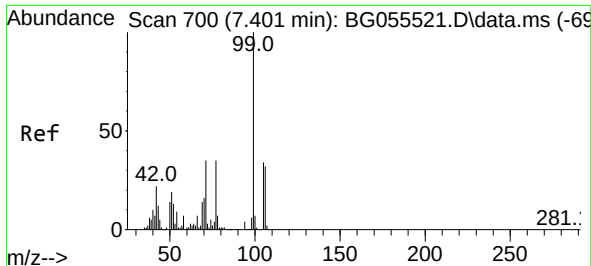
Tgt Ion:152 Resp: 44398  
Ion Ratio Lower Upper  
152 100  
150 151.9 121.0 181.4  
115 60.2 47.8 71.8



#5  
2-Fluorophenol  
Concen: 4.094 ng  
RT: 5.786 min Scan# 425  
Delta R.T. -0.005 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

Tgt Ion:112 Resp: 10721  
Ion Ratio Lower Upper  
112 100  
64 66.2 52.6 78.8  
63 40.6 28.3 42.5

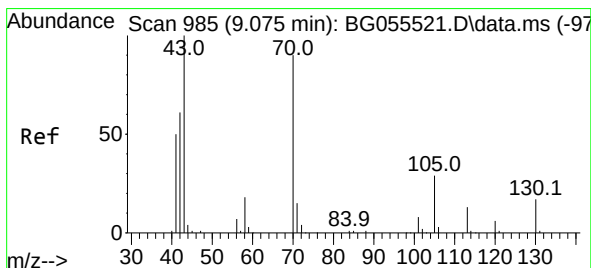
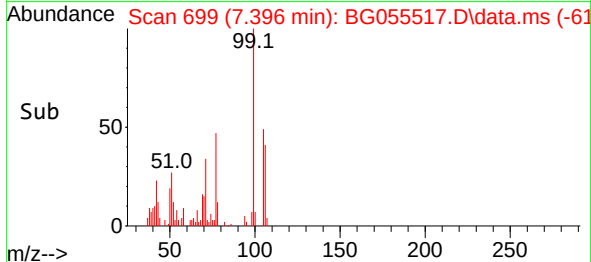
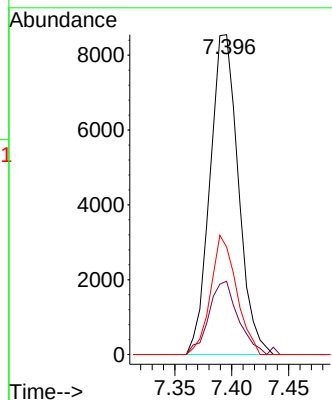
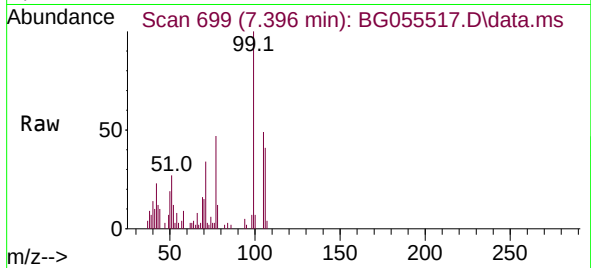




#7  
Phenol-d6  
Concen: 4.134 ng  
RT: 7.396 min Scan# 699  
Delta R.T. -0.005 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

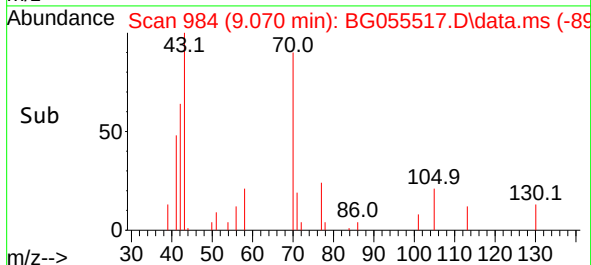
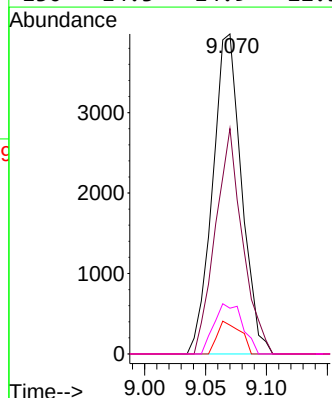
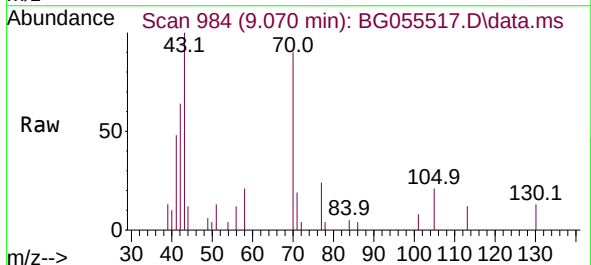
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

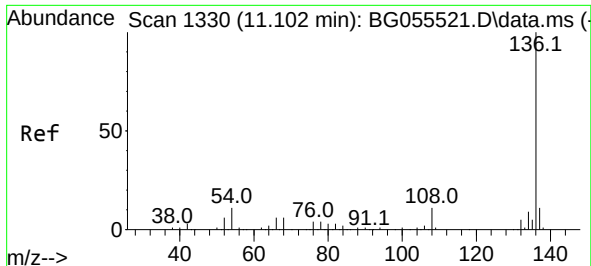
Tgt Ion: 99 Resp: 14839  
Ion Ratio Lower Upper  
99 100  
42 22.9 17.5 26.3  
71 33.6 28.3 42.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.229 ng  
RT: 9.070 min Scan# 984  
Delta R.T. -0.005 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

Tgt Ion: 70 Resp: 6574  
Ion Ratio Lower Upper  
70 100  
42 70.4 54.8 82.2  
101 9.0 6.8 10.2  
130 14.3 14.9 22.3#

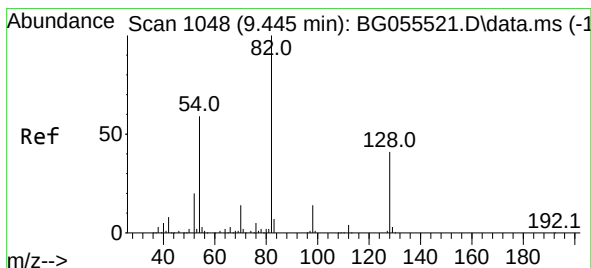
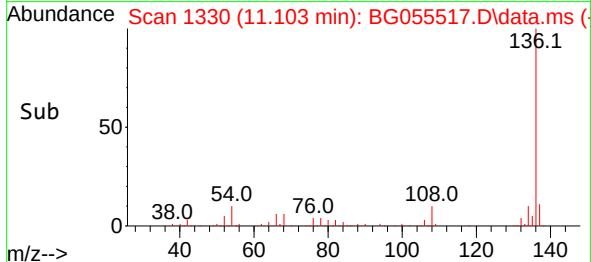
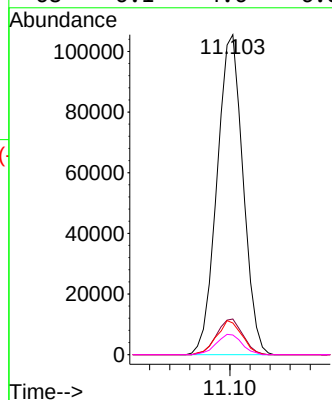
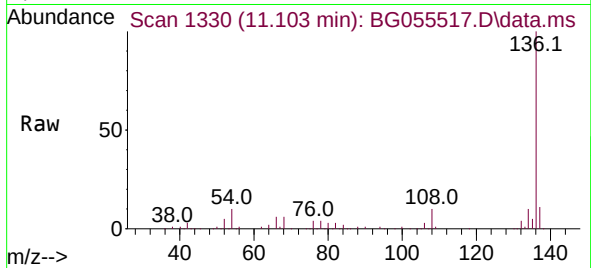




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.103 min Scan# 1330  
Delta R.T. 0.001 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

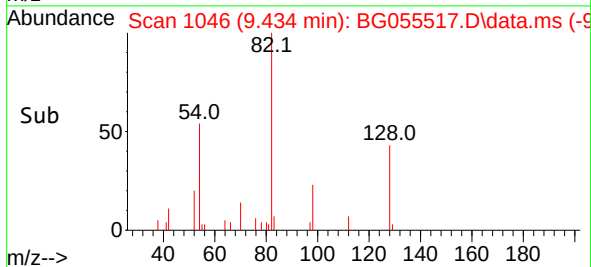
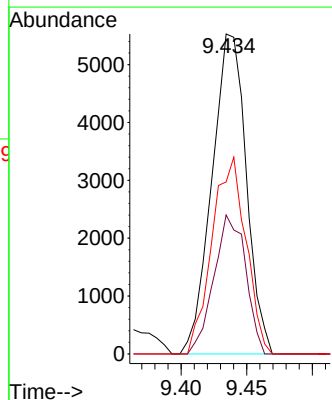
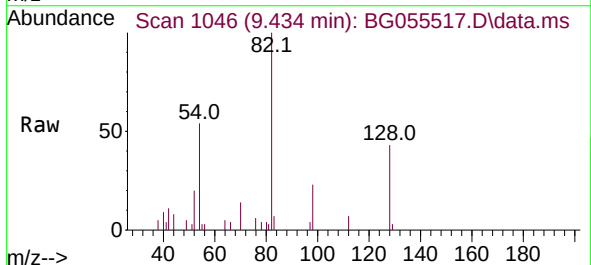
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

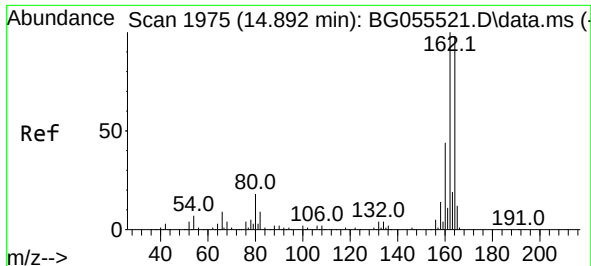
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 189968 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 8.6   | 12.8   |
| 54        | 9.9   | 8.6   | 12.8   |
| 68        | 6.1   | 4.6   | 6.8    |



#23  
Nitrobenzene-d5  
Concen: 4.042 ng  
RT: 9.434 min Scan# 1046  
Delta R.T. -0.011 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 10087 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 43.4  | 32.6  | 49.0  |
| 54        | 53.7  | 47.3  | 70.9  |

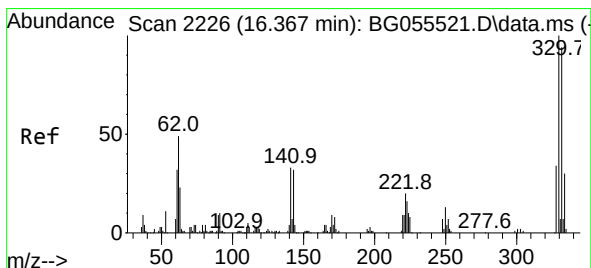
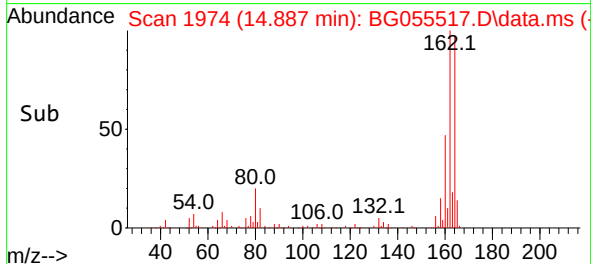
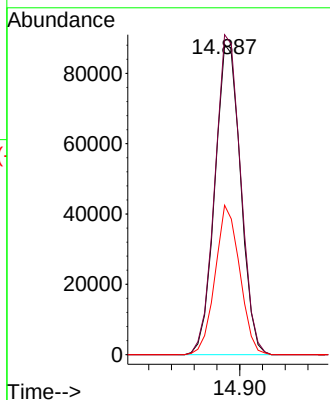
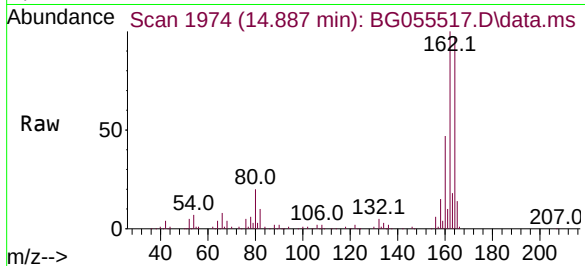




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.887 min Scan# 1974  
Delta R.T. -0.005 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

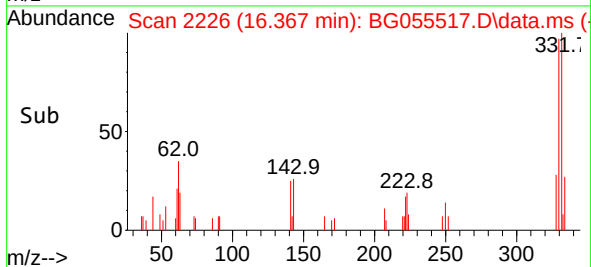
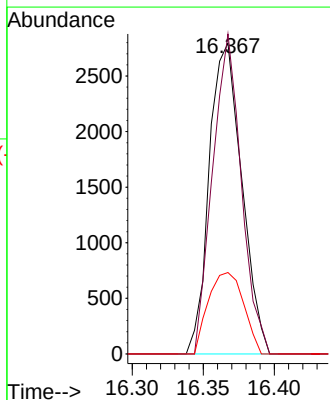
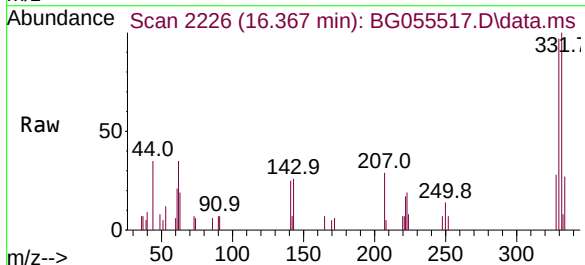
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

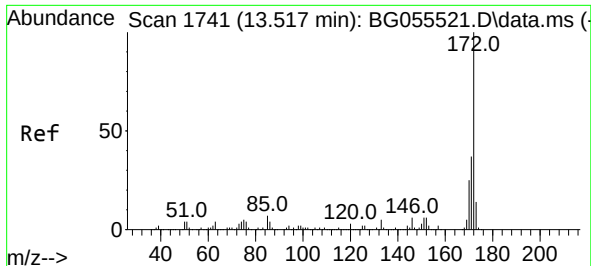
Tgt Ion:164 Resp: 138435  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.3 121.9  
160 48.2 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 3.545 ng  
RT: 16.367 min Scan# 2226  
Delta R.T. 0.001 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

Tgt Ion:330 Resp: 4443  
Ion Ratio Lower Upper  
330 100  
332 90.8 77.4 116.2  
141 28.5 25.4 38.2

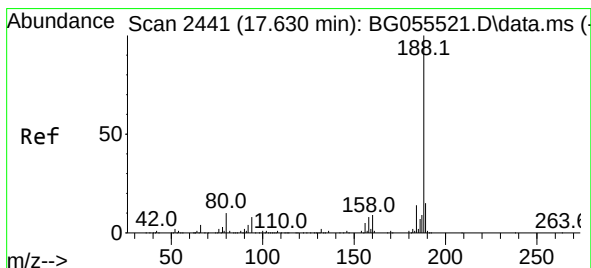
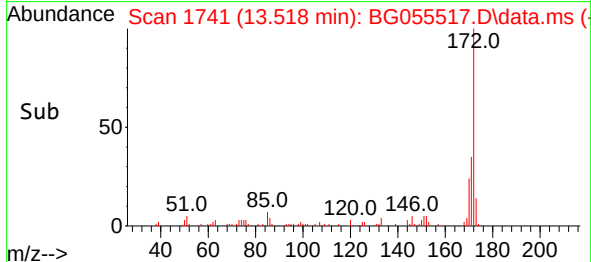
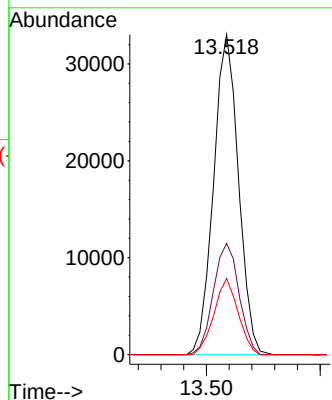
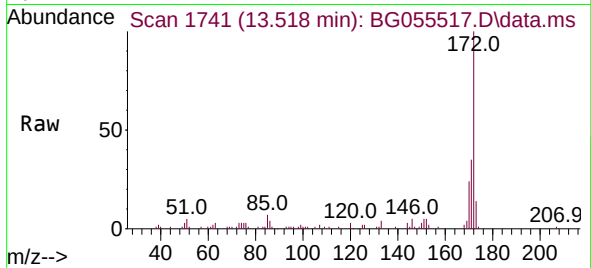




#45  
2-Fluorobiphenyl  
Concen: 5.437 ng  
RT: 13.518 min Scan# 1741  
Delta R.T. 0.001 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

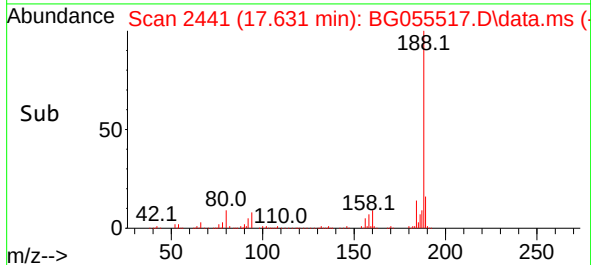
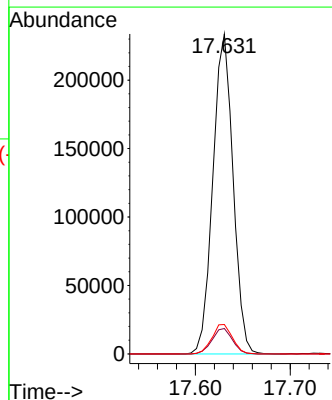
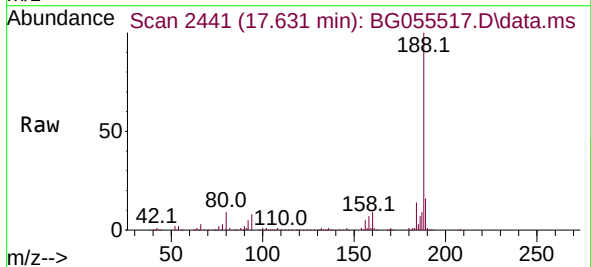
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

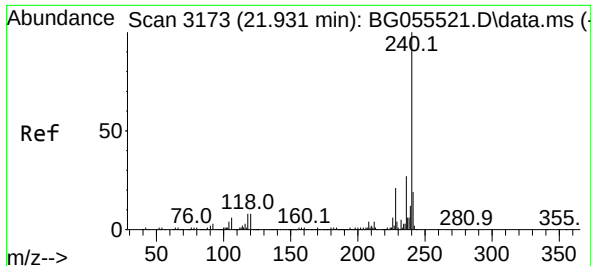
Tgt Ion:172 Resp: 50072  
Ion Ratio Lower Upper  
172 100  
171 34.8 29.7 44.5  
170 23.8 19.8 29.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.631 min Scan# 2441  
Delta R.T. 0.001 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

Tgt Ion:188 Resp: 345307  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.4 9.6  
80 9.2 7.6 11.4

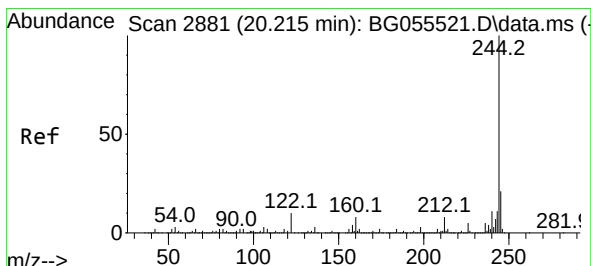
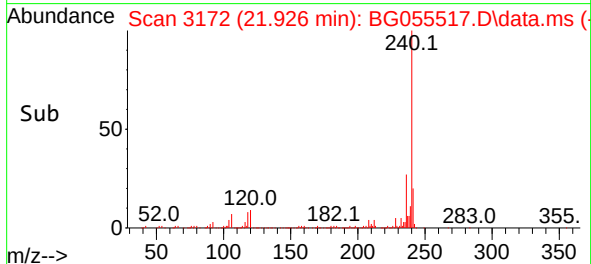
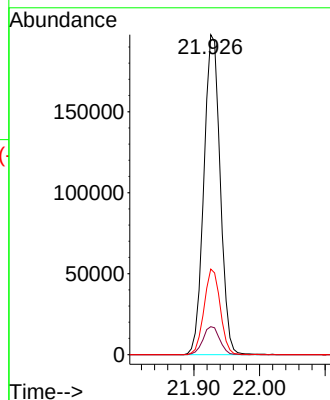
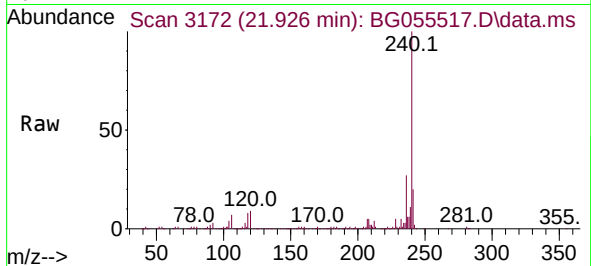




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.926 min Scan# 3172  
Delta R.T. -0.005 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

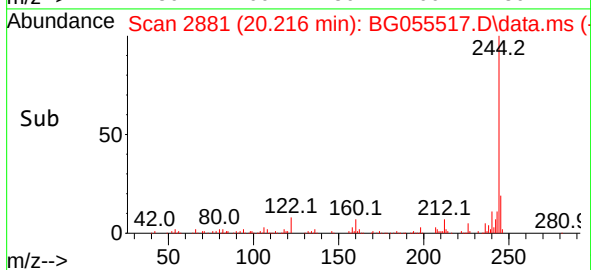
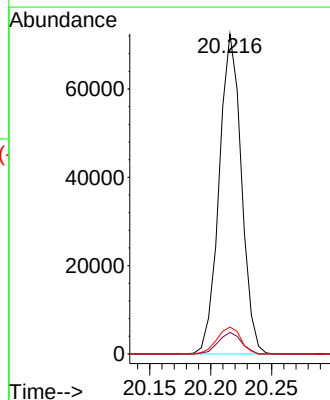
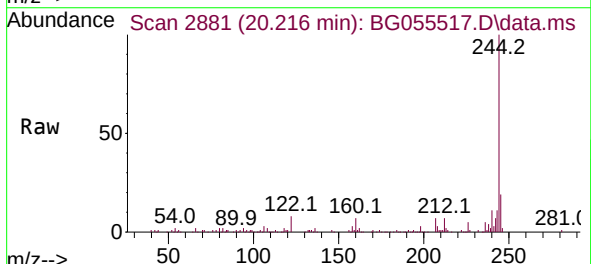
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:240 Resp: 339866  
Ion Ratio Lower Upper  
240 100  
120 8.8 6.1 9.1  
236 26.7 21.4 32.0

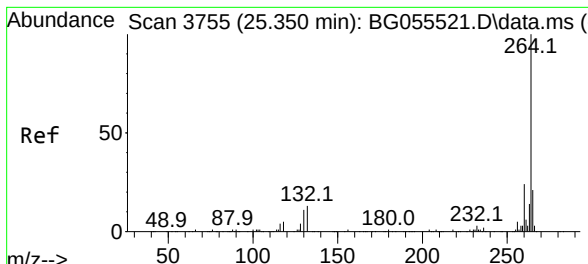


#79  
Terphenyl-d14  
Concen: 5.188 ng  
RT: 20.216 min Scan# 2881  
Delta R.T. 0.001 min  
Lab File: BG055517.D  
Acq: 9 Nov 2022 10:21

Tgt Ion:244 Resp: 91886  
Ion Ratio Lower Upper  
244 100  
212 6.7 6.5 9.7  
122 8.4 7.7 11.5







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.351 min Scan# 31  
 Delta R.T. 0.001 min  
 Lab File: BG055517.D  
 Acq: 9 Nov 2022 10:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:264 Resp: 354142

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 19.4  | 29.2  |
| 265 | 20.8  | 17.1  | 25.7  |

