

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120423\  
 Data File : BG059935.D  
 Acq On : 4 Dec 2023 17:23  
 Operator : MA/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Dec 05 01:43:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 05 01:36:25 2023  
 Response via : Initial Calibration

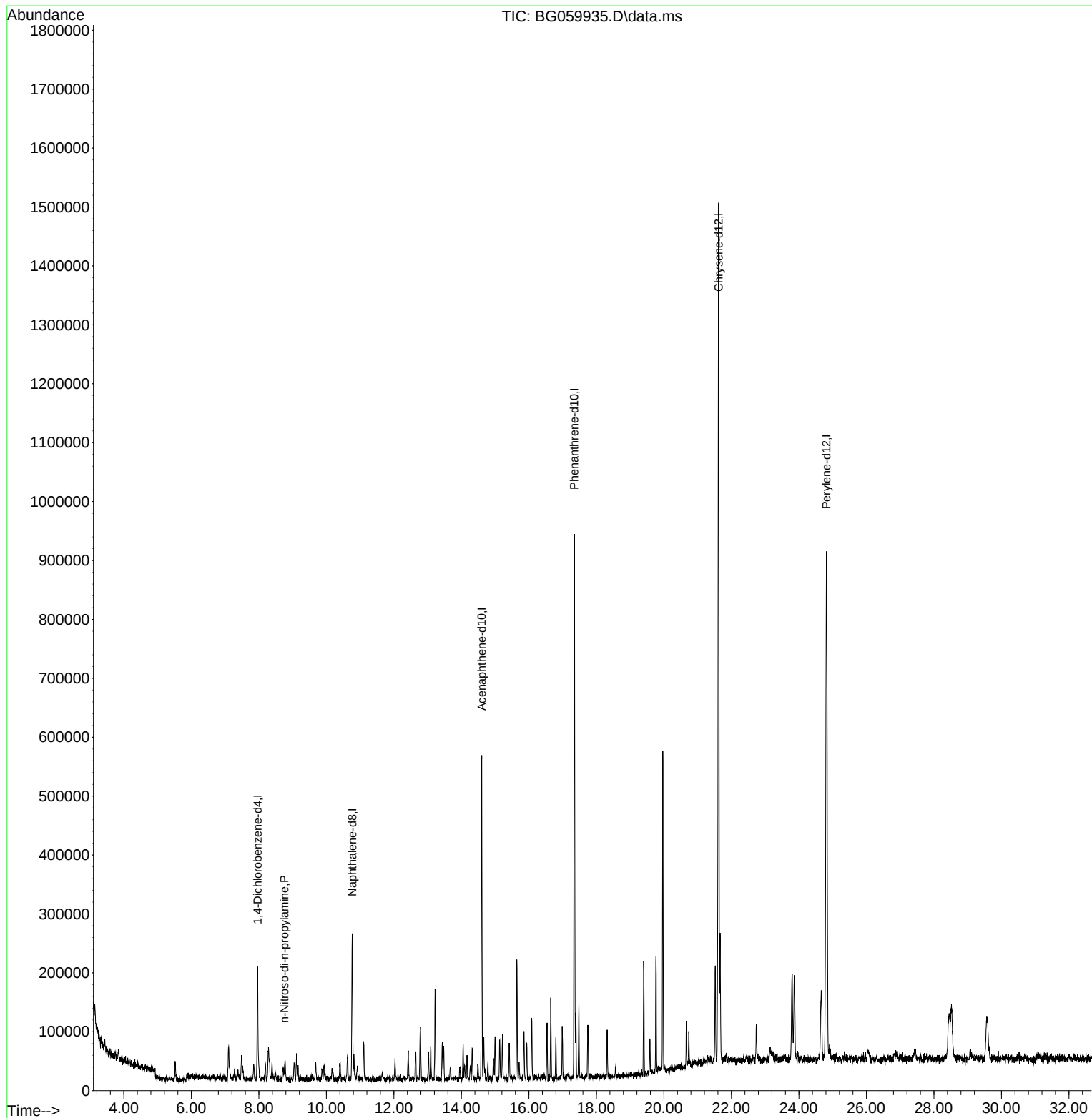
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.962  | 152  | 48643    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.770 | 136  | 173892   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.601 | 164  | 180533   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188  | 662292   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.622 | 240  | 996164   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.813 | 264  | 1118495  | 20.000 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |          |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |          |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |          |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |          |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |          |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |          |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 8.755  | 70   | 5899     | 2.168  | ng    | # 72     |
| -----                         |        |      |          |        |       |          |

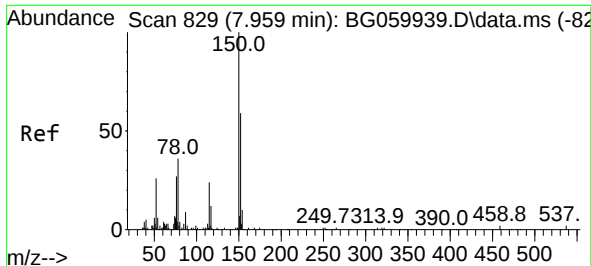
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120423\  
Data File : BG059935.D  
Acq On : 4 Dec 2023 17:23  
Operator : MA/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Quant Time: Dec 05 01:43:31 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 05 01:36:25 2023  
Response via : Initial Calibration

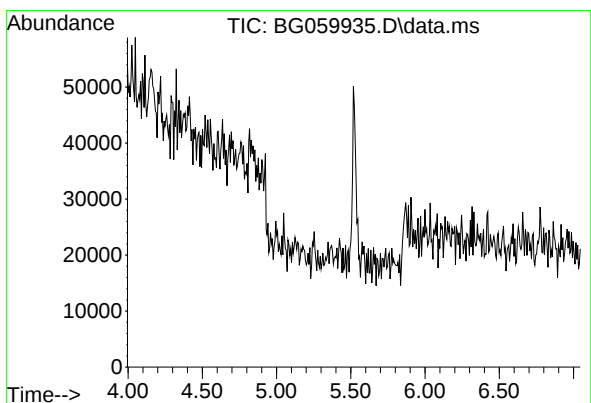
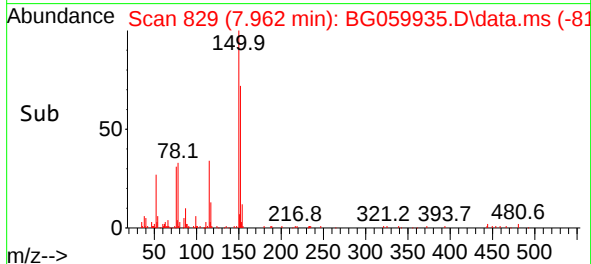
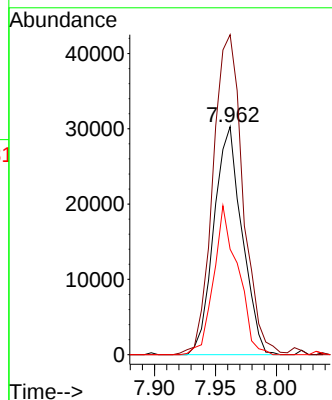
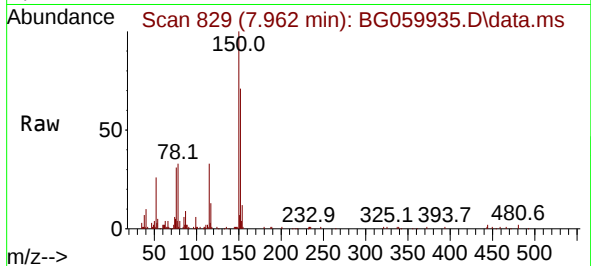




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.962 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG059935.D  
Acq: 4 Dec 2023 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

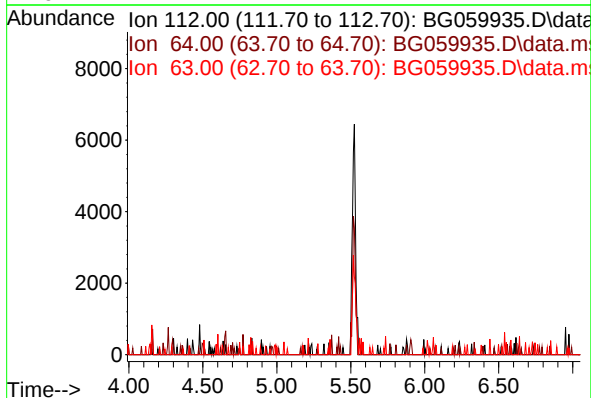
Tgt Ion:152 Resp: 48643  
Ion Ratio Lower Upper  
152 100  
150 140.3 136.9 205.3  
115 46.2 32.9 49.3

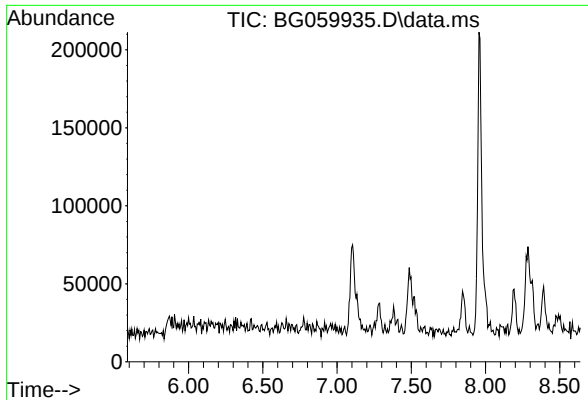


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.52 min

Lab File: BG059935.D  
Acq: 4 Dec 2023 17:23

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 49.2  
63 39.0

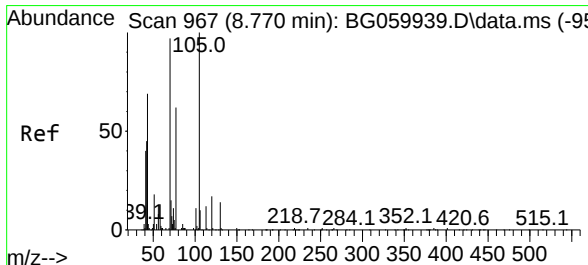
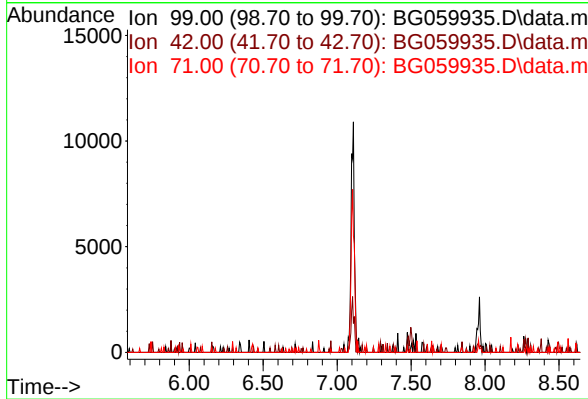




#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 7.11 min  
 Lab File: BG059935.D  
 Acq: 4 Dec 2023 17:23

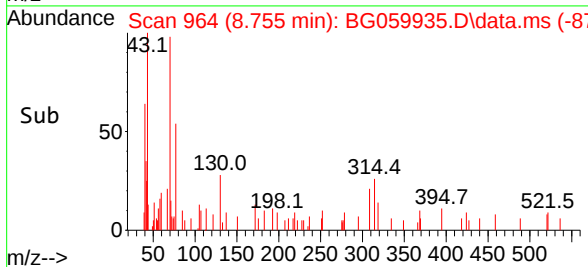
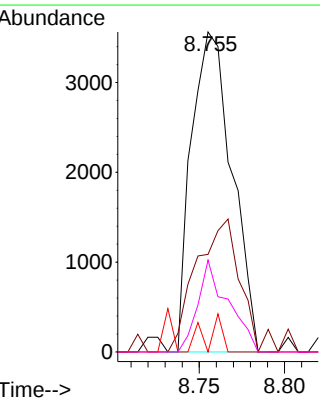
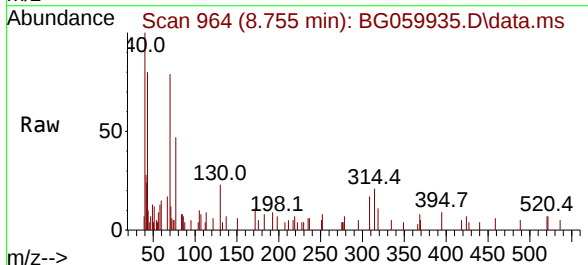
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

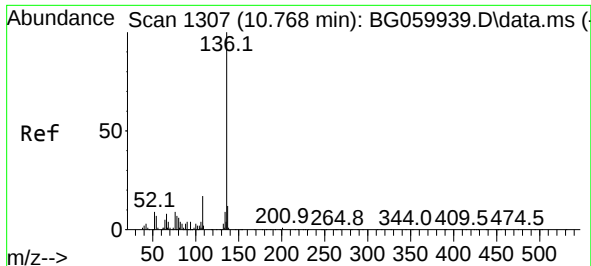
Tgt Ion: 99  
 Sig Exp Ratio  
 99 100  
 42 25.1  
 71 67.2



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.168 ng  
 RT: 8.755 min Scan# 964  
 Delta R.T. -0.015 min  
 Lab File: BG059935.D  
 Acq: 4 Dec 2023 17:23

Tgt Ion: 70 Resp: 5899  
 Ion Ratio Lower Upper  
 70 100  
 42 30.5 38.1 57.1#  
 101 0.0 8.6 13.0#  
 130 28.7 11.5 17.3#

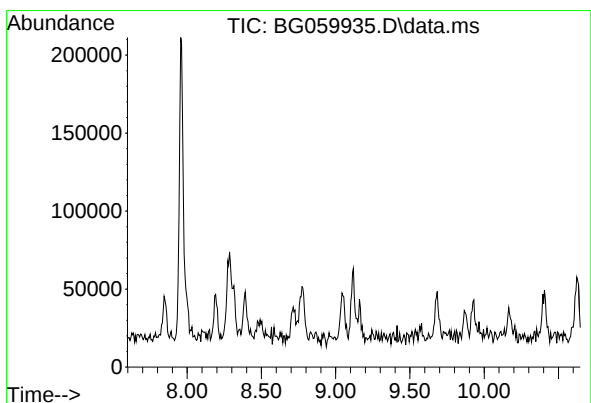
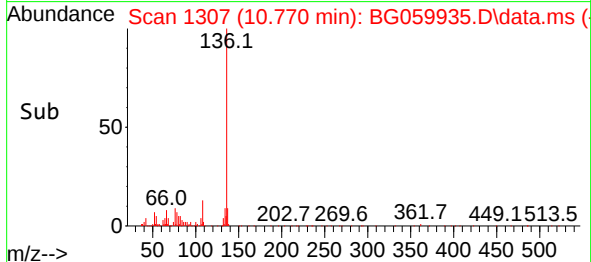
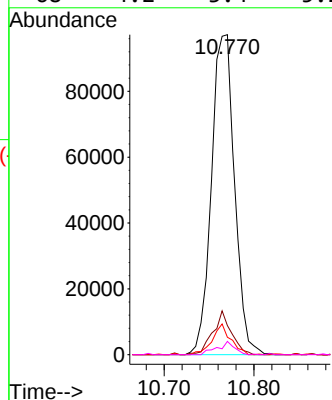
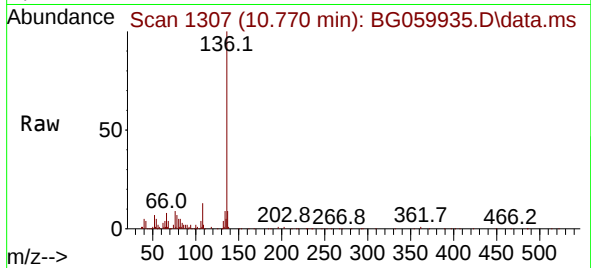




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.770 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BG059935.D  
Acq: 4 Dec 2023 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

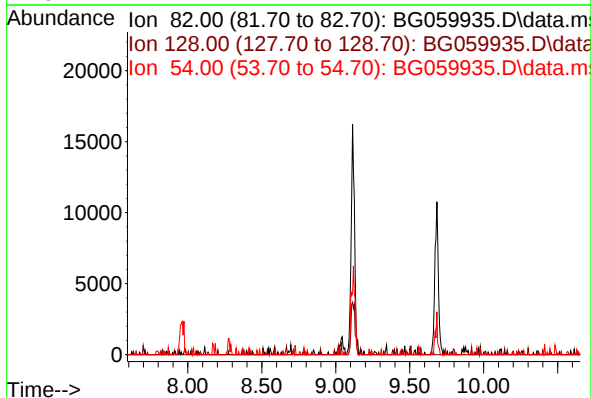
Tgt Ion:136 Resp: 173892  
Ion Ratio Lower Upper  
136 100  
137 9.1 9.8 14.6#  
54 5.4 5.8 8.6#  
68 4.2 3.4 5.2

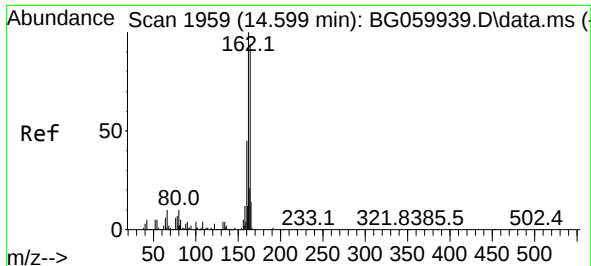


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 9.12 min

Lab File: BG059935.D  
Acq: 4 Dec 2023 17:23

Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 26.3  
54 40.7

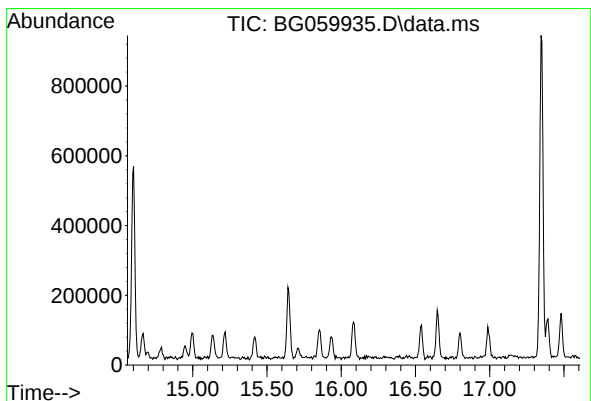
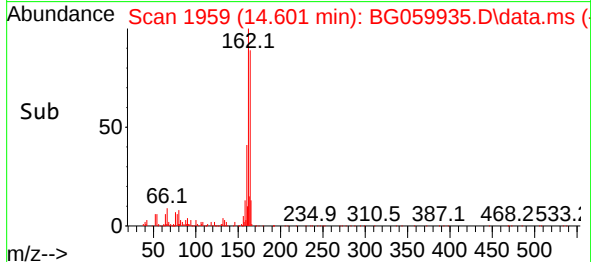
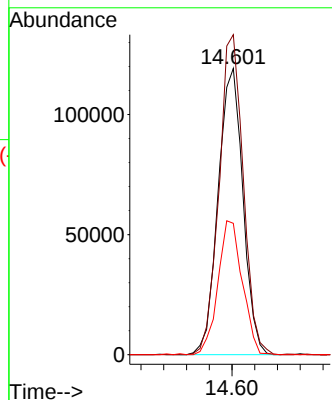
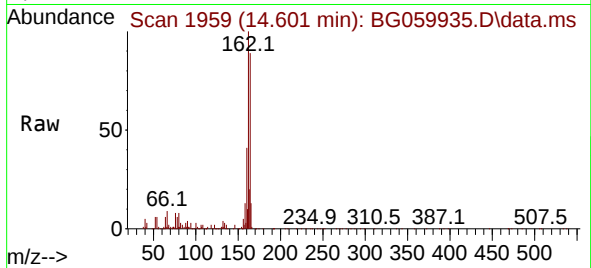




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.601 min Scan# 1959  
Delta R.T. 0.003 min  
Lab File: BG059935.D  
Acq: 4 Dec 2023 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

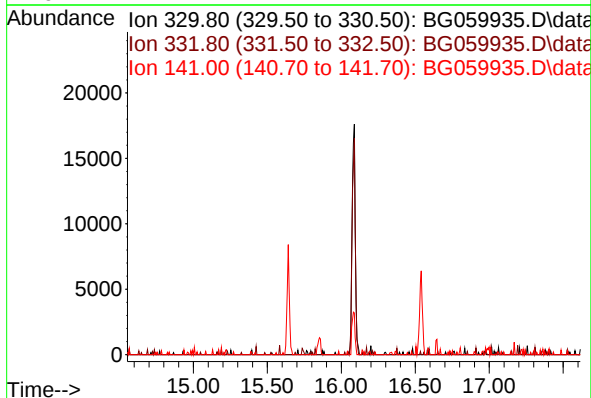
Tgt Ion:164 Resp: 180533  
Ion Ratio Lower Upper  
164 100  
162 111.8 85.0 127.6  
160 45.9 38.1 57.1



#42  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 16.09 min

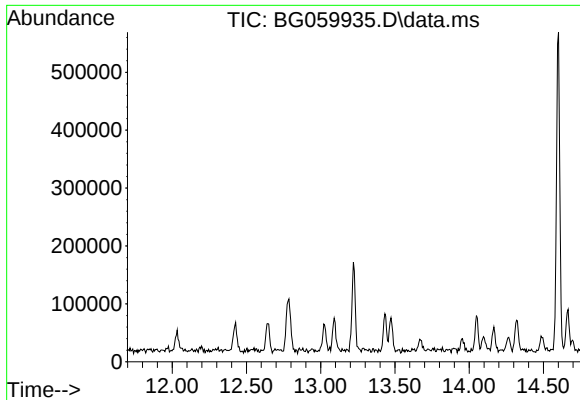
Lab File: BG059935.D  
Acq: 4 Dec 2023 17:23

Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 95.6  
141 18.8



Ion 331.80 (331.50 to 332.50): BG059935.D\data.ms

Ion 141.00 (140.70 to 141.70): BG059935.D\data.ms

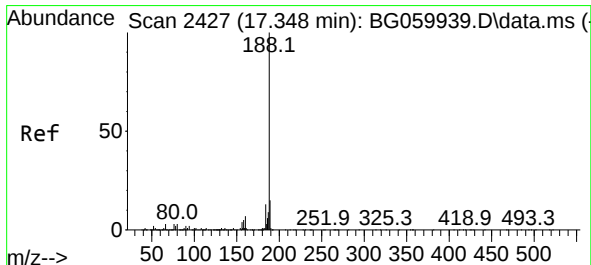
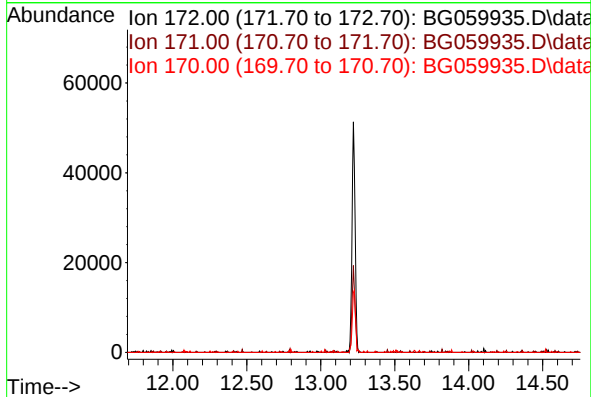


#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 13.22 min  
 Lab File: BG059935.D  
 Acq: 4 Dec 2023 17:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 172  

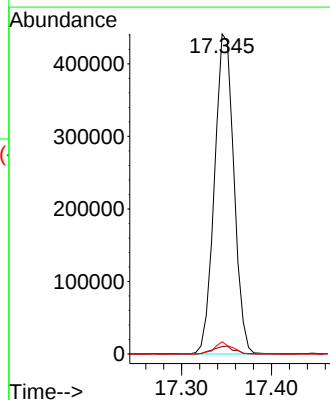
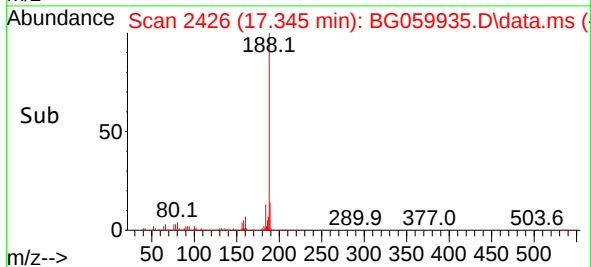
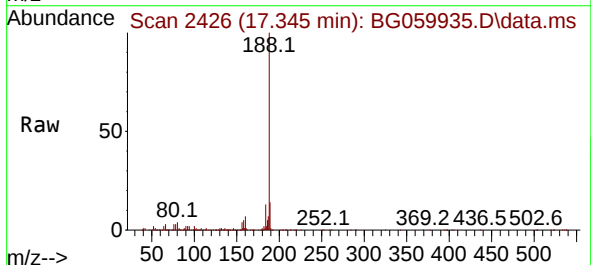
| Sig | Exp Ratio |
|-----|-----------|
| 172 | 100       |
| 171 | 35.8      |
| 170 | 24.8      |

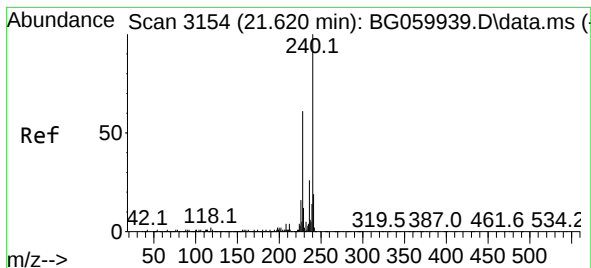


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.345 min Scan# 2426  
 Delta R.T. -0.003 min  
 Lab File: BG059935.D  
 Acq: 4 Dec 2023 17:23

Tgt Ion: 188 Resp: 662292  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 2.3   | 1.8   | 2.6   |
| 80  | 3.8   | 2.2   | 3.4   |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG059935.D

Acq: 4 Dec 2023 17:23

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

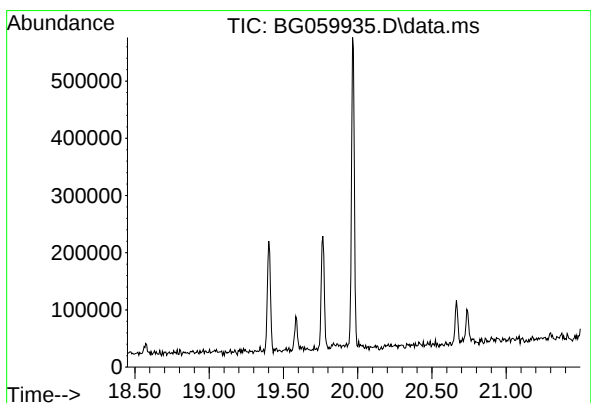
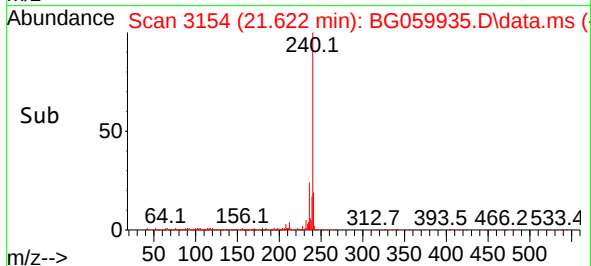
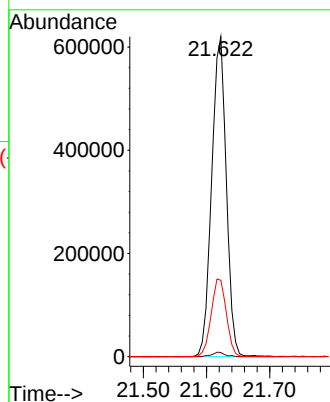
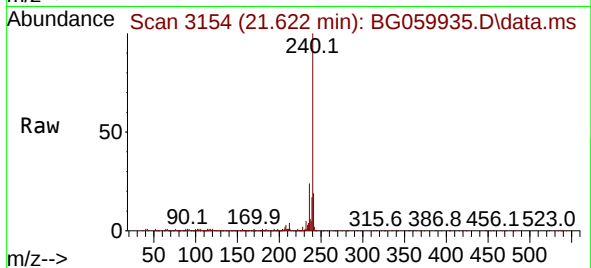
Tgt Ion:240 Resp: 996164

Ion Ratio Lower Upper

240 100

120 1.3 1.0 1.4

236 23.9 20.8 31.2



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.97 min

Lab File: BG059935.D

Acq: 4 Dec 2023 17:23

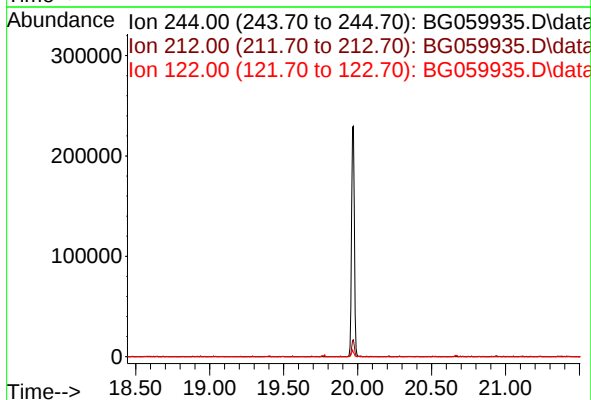
Tgt Ion: 244

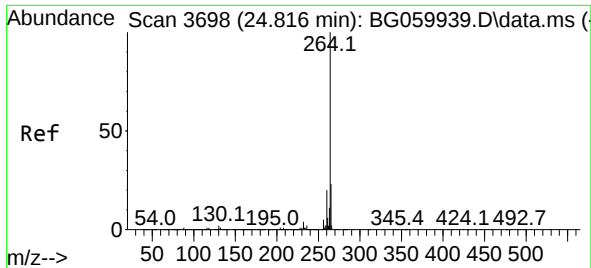
Sig Exp Ratio

244 100

212 10.8

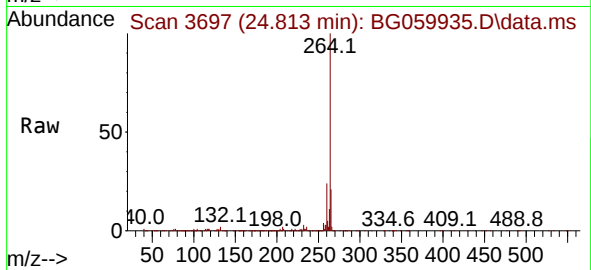
122 2.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.813 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: BG059935.D  
Acq: 4 Dec 2023 17:23

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5



Tgt Ion:264 Resp: 1118495  
Ion Ratio Lower Upper  
264 100  
260 23.7 15.8 23.6#  
265 20.6 18.1 27.1

