

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090222\  
 Data File : BG054840.D  
 Acq On : 2 Sep 2022 14:49  
 Operator : CG/JU  
 Sample : N4466-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SASP2-T-5-(10-17)

Quant Time: Sep 03 00:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

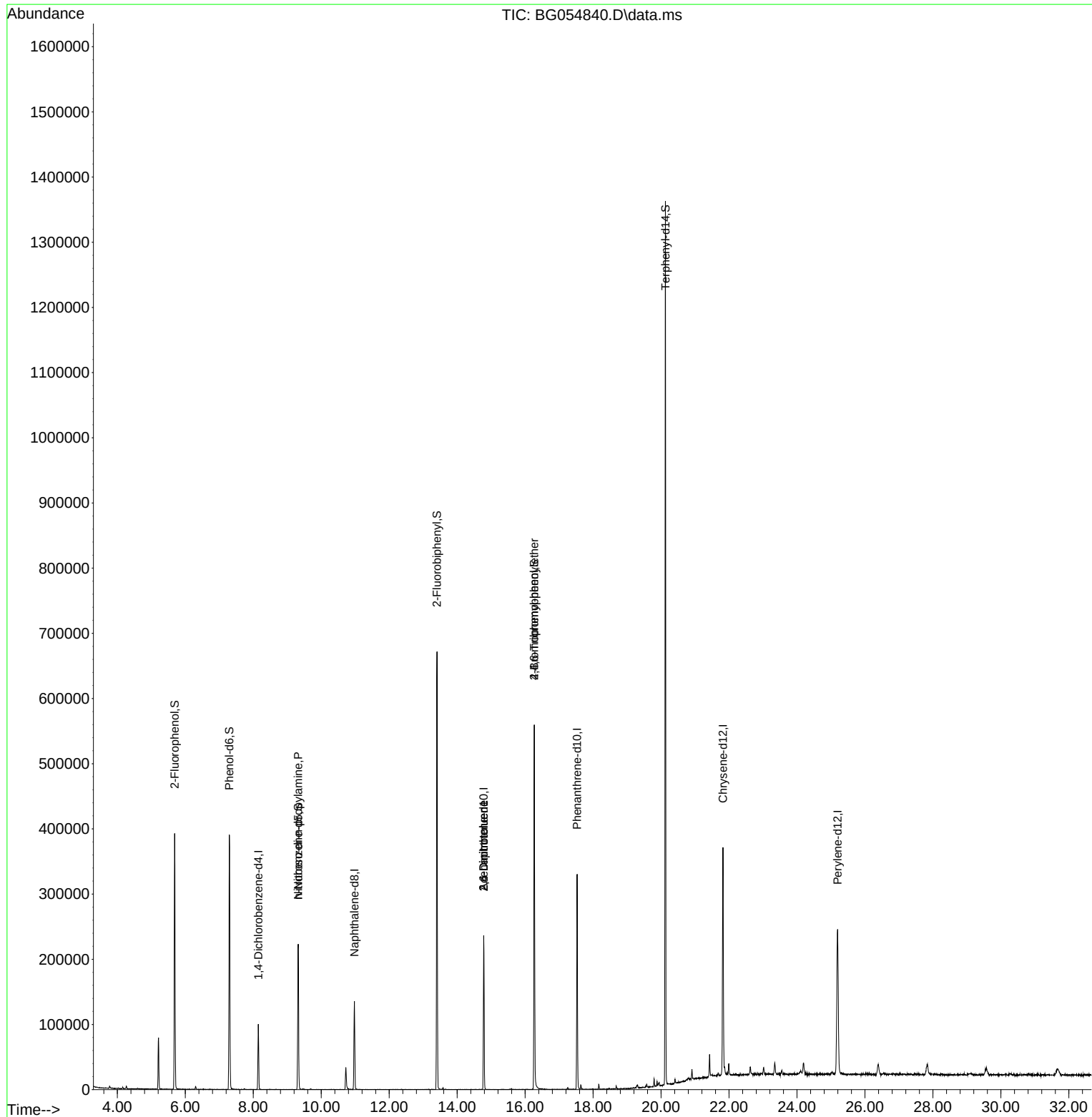
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|---------|-------|-------------|
| -----                         |        |      |          |         |       |             |
| Internal Standards            |        |      |          |         |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 8.148  | 152  | 30564    | 20.000  | ng    | 0.00        |
| 21) Naphthalene-d8            | 10.974 | 136  | 123515   | 20.000  | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.781 | 164  | 88570    | 20.000  | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.531 | 188  | 229397   | 20.000  | ng    | 0.00        |
| 76) Chrysene-d12              | 21.820 | 240  | 229491   | 20.000  | ng    | 0.00        |
| 86) Perylene-d12              | 25.192 | 264  | 235739   | 20.000  | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |         |       |             |
| 5) 2-Fluorophenol             | 5.686  | 112  | 185757   | 105.834 | ng    | 0.00        |
| 7) Phenol-d6                  | 7.296  | 99   | 254709   | 106.113 | ng    | 0.00        |
| 23) Nitrobenzene-d5           | 9.323  | 82   | 147175   | 62.552  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol      | 16.268 | 330  | 128009   | 115.663 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 13.406 | 172  | 371385   | 63.023  | ng    | 0.00        |
| 79) Terphenyl-d14             | 20.128 | 244  | 712560   | 61.521  | ng    | 0.00        |
| Target Compounds              |        |      |          |         |       |             |
| 19) n-Nitroso-di-n-propyla... | 9.323  | 70   | 18287    | 11.079  | ng    | Qvalue # 79 |
| 51) 2,6-Dinitrotoluene        | 14.781 | 165  | 11787    | 8.445   | ng    | # 20        |
| 57) 2,4-Dinitrotoluene        | 14.781 | 165  | 11787    | 6.106   | ng    | # 18        |
| 67) 4-Bromophenyl-phenylether | 16.268 | 248  | 7888     | 3.132   | ng    | # 1         |
| -----                         |        |      |          |         |       |             |

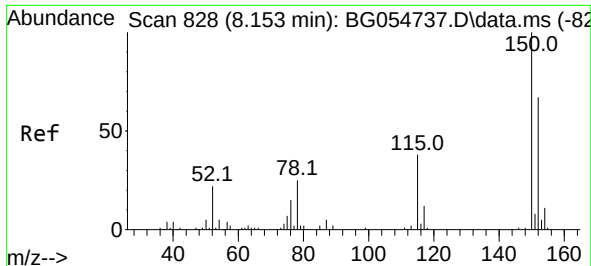
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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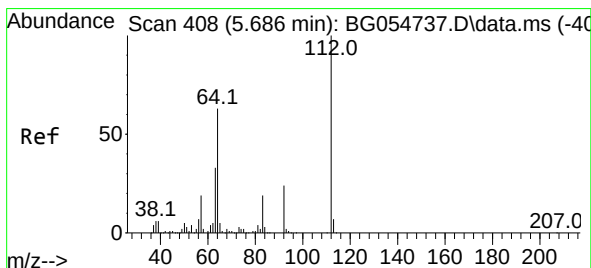
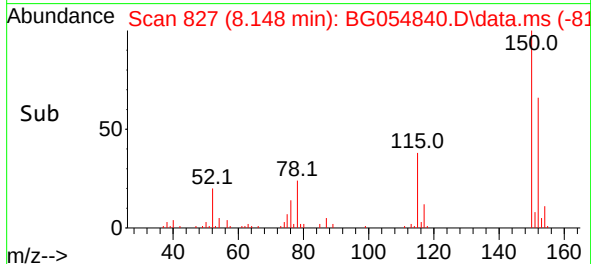
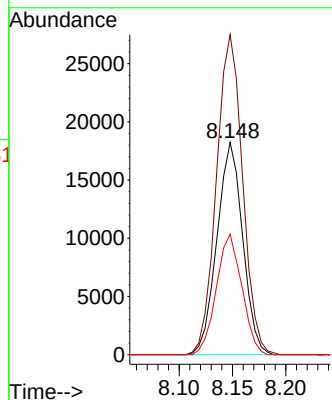
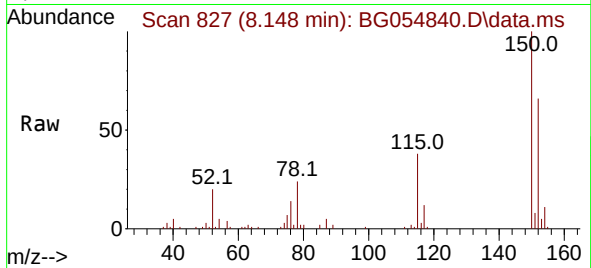




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.148 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

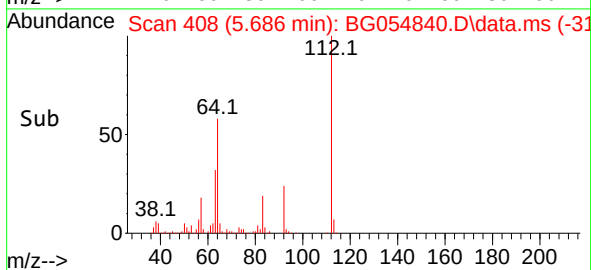
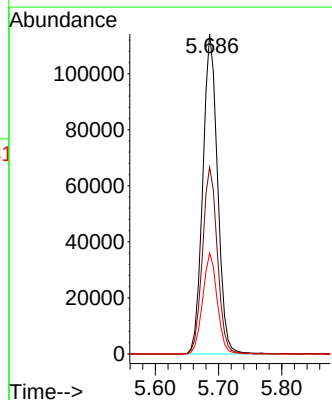
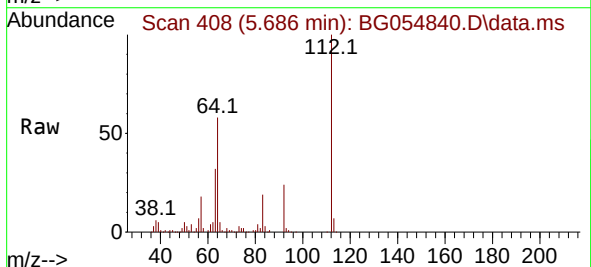
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(10-17)

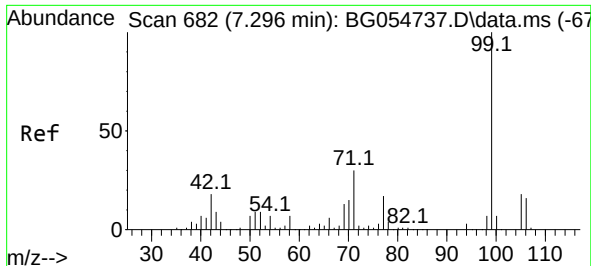
Tgt Ion:152 Resp: 30564  
Ion Ratio Lower Upper  
152 100  
150 150.8 125.2 187.8  
115 56.8 47.9 71.9



#5  
2-Fluorophenol  
Concen: 105.834 ng  
RT: 5.686 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

Tgt Ion:112 Resp: 185757  
Ion Ratio Lower Upper  
112 100  
64 58.4 49.3 73.9  
63 31.5 26.3 39.5

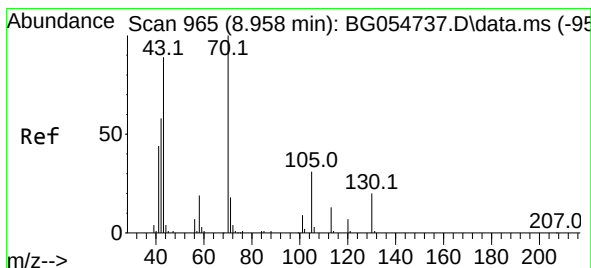
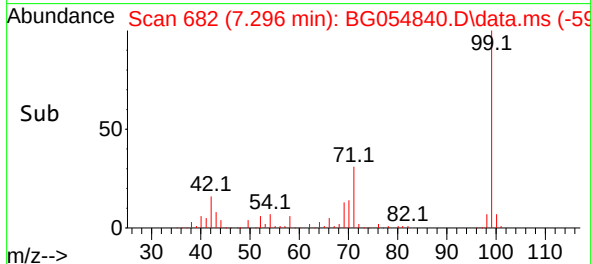
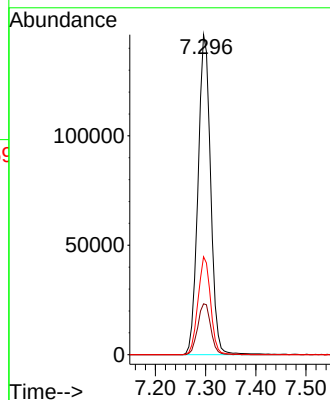
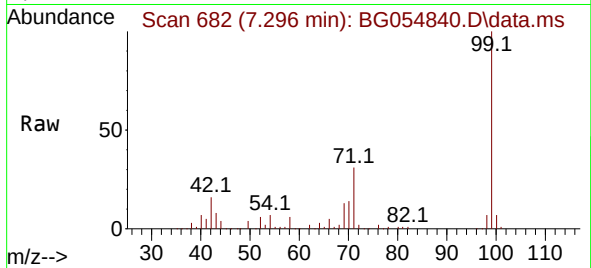




#7  
Phenol-d6  
Concen: 106.113 ng  
RT: 7.296 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

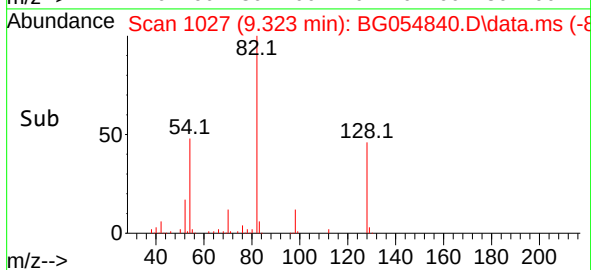
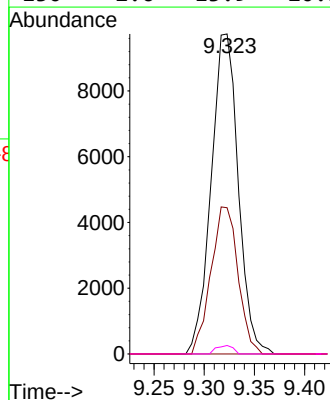
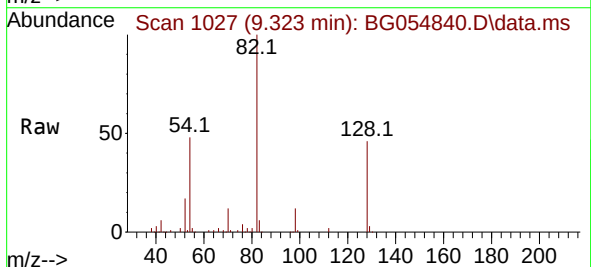
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(10-17)

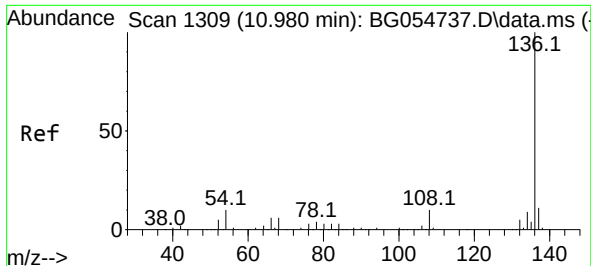
Tgt Ion: 99 Resp: 254709  
Ion Ratio Lower Upper  
99 100  
42 15.9 14.6 22.0  
71 30.6 24.6 37.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.079 ng  
RT: 9.323 min Scan# 1027  
Delta R.T. 0.364 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

Tgt Ion: 70 Resp: 18287  
Ion Ratio Lower Upper  
70 100  
42 45.7 46.6 69.8#  
101 0.0 7.7 11.5#  
130 2.6 13.9 20.9#

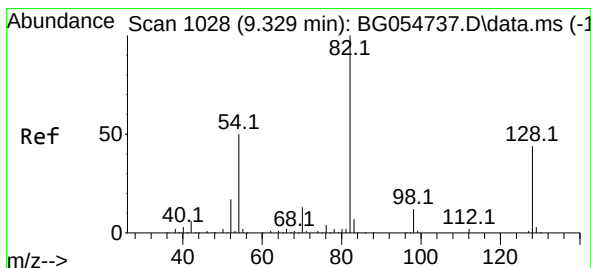
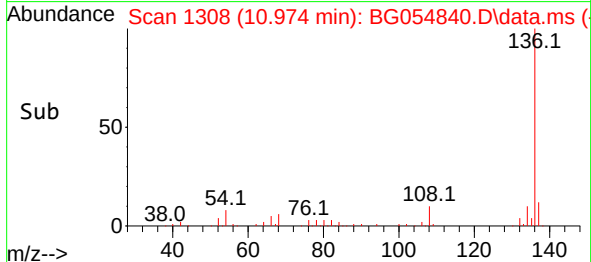
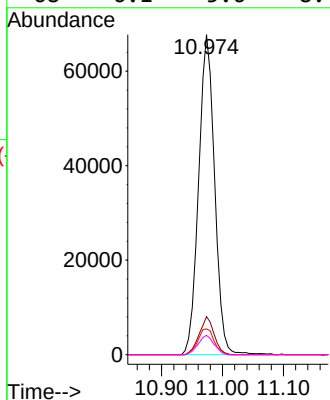
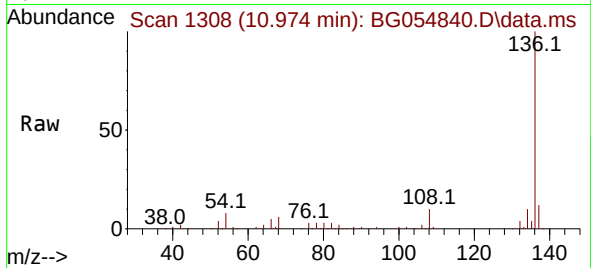




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.974 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

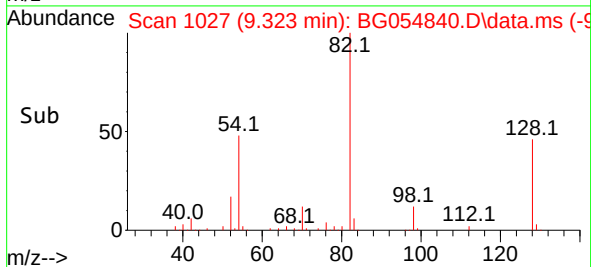
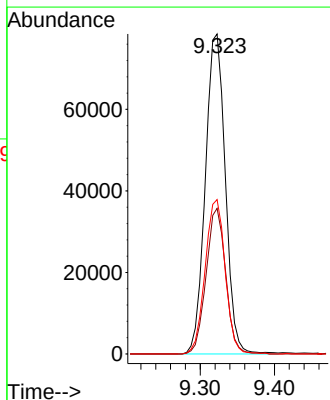
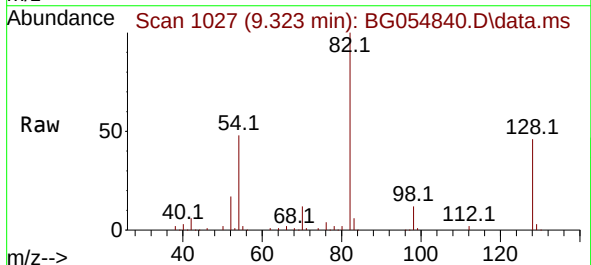
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(10-17)

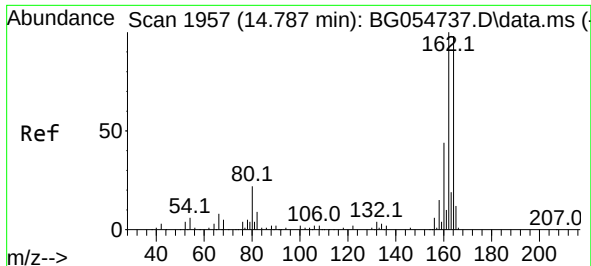
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 123515 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.9  | 9.2   | 13.8   |
| 54        | 8.0   | 7.7   | 11.5   |
| 68        | 6.1   | 5.6   | 8.4    |



#23  
Nitrobenzene-d5  
Concen: 62.552 ng  
RT: 9.323 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 147175 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.5  | 32.2  | 48.2   |
| 54        | 48.3  | 41.4  | 62.0   |

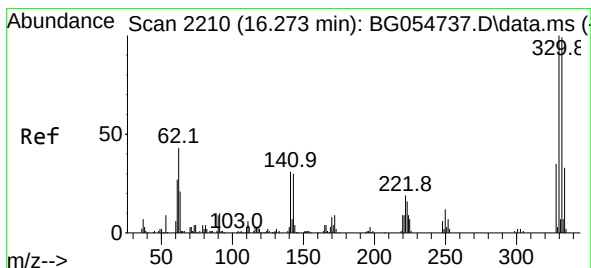
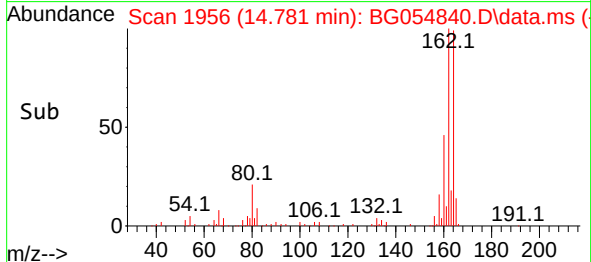
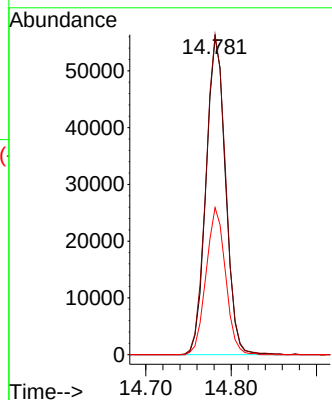
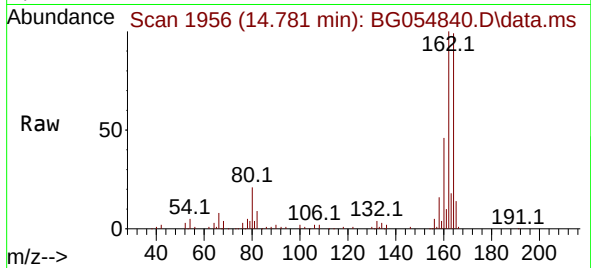




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.781 min Scan# 1956  
Delta R.T. -0.006 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

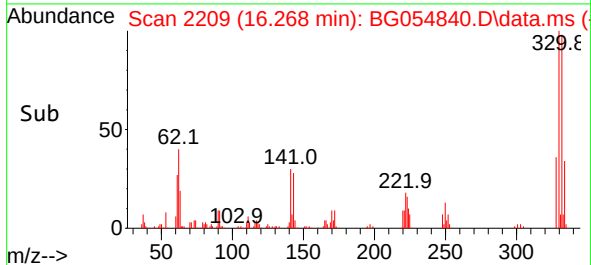
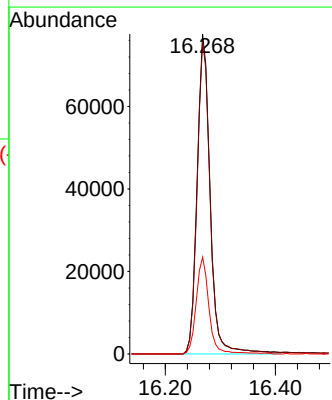
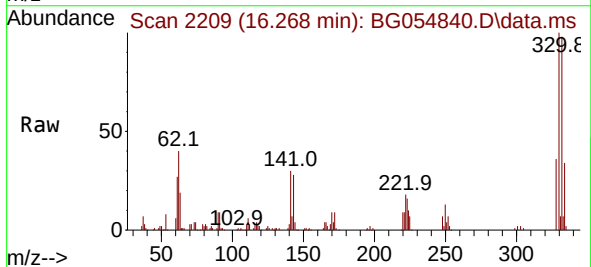
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(10-17)

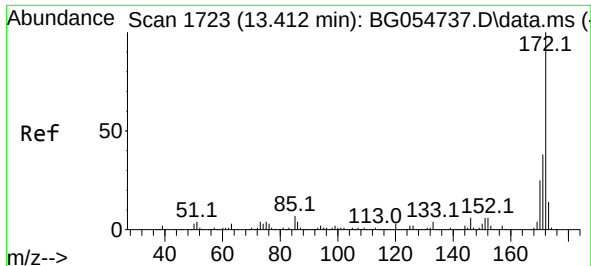
Tgt Ion:164 Resp: 88570  
Ion Ratio Lower Upper  
164 100  
162 101.0 83.0 124.4  
160 46.4 38.0 57.0



#42  
2,4,6-Tribromophenol  
Concen: 115.663 ng  
RT: 16.268 min Scan# 2209  
Delta R.T. -0.006 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

Tgt Ion:330 Resp: 128009  
Ion Ratio Lower Upper  
330 100  
332 97.5 79.8 119.6  
141 29.6 26.8 40.2

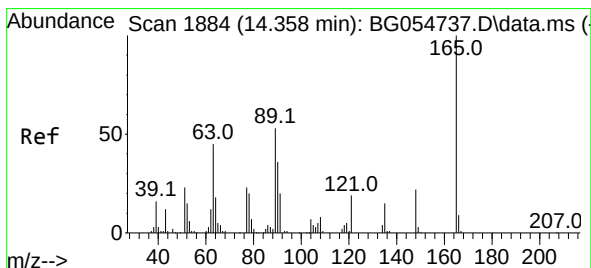
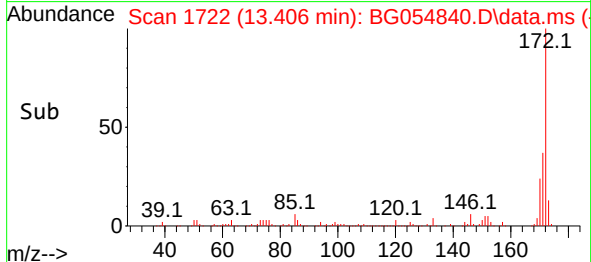
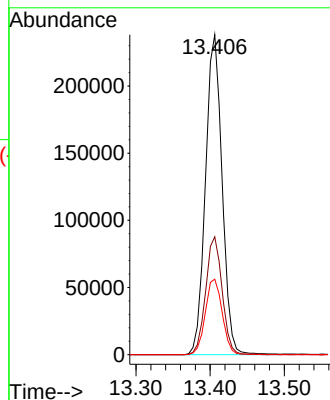
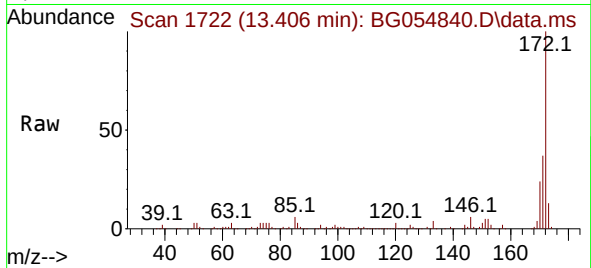




#45  
2-Fluorobiphenyl  
Concen: 63.023 ng  
RT: 13.406 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

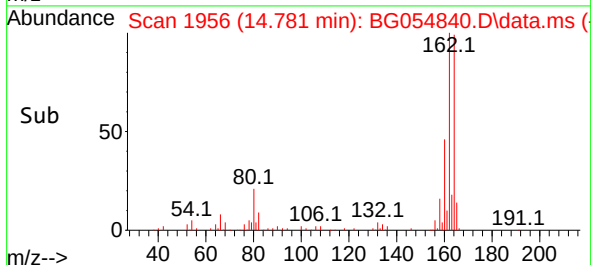
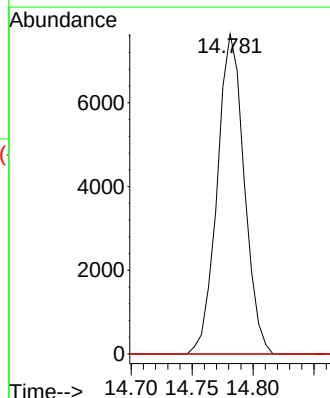
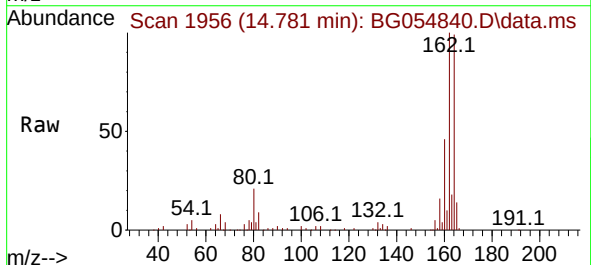
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(10-17)

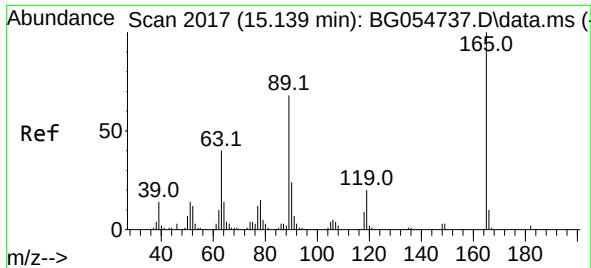
Tgt Ion:172 Resp: 371385  
Ion Ratio Lower Upper  
172 100  
171 36.9 31.2 46.8  
170 23.6 20.6 30.8



#51  
2,6-Dinitrotoluene  
Concen: 8.445 ng  
RT: 14.781 min Scan# 1956  
Delta R.T. 0.423 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

Tgt Ion:165 Resp: 11787  
Ion Ratio Lower Upper  
165 100  
63 0.0 46.0 69.0#  
89 0.0 50.3 75.5#

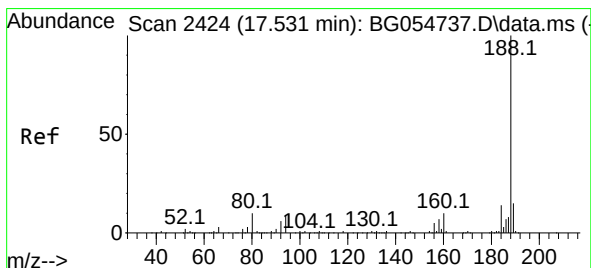
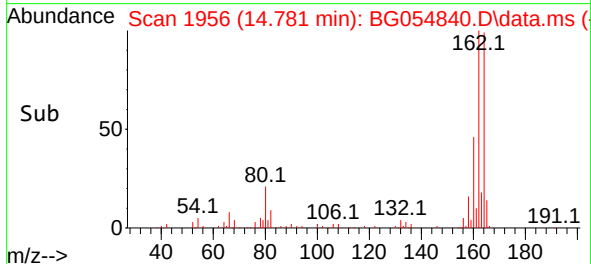
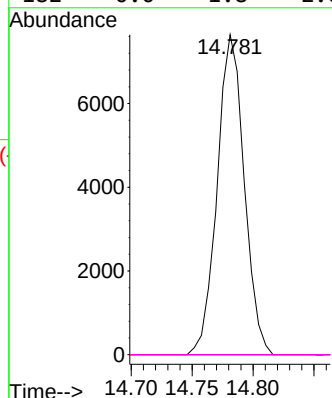
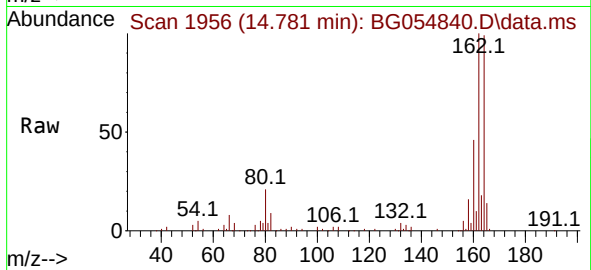




#57  
2,4-Dinitrotoluene  
Concen: 6.106 ng  
RT: 14.781 min Scan# 1956  
Delta R.T. -0.358 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

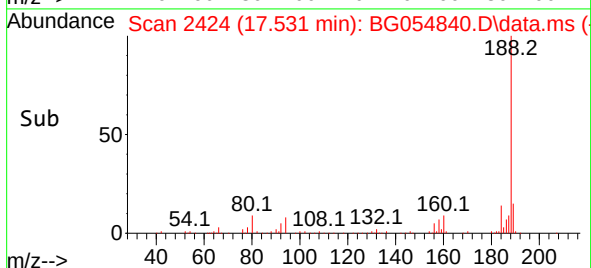
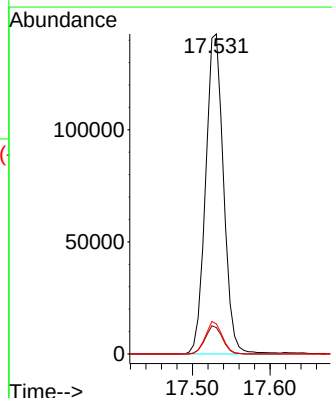
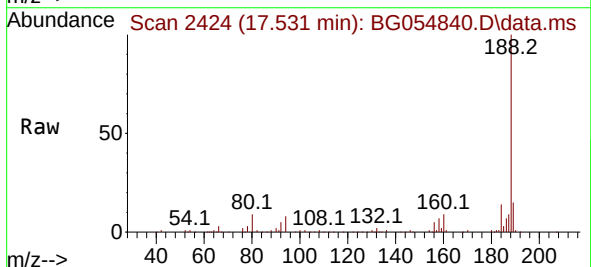
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(10-17)

Tgt Ion:165 Resp: 11787  
Ion Ratio Lower Upper  
165 100  
63 0.0 36.8 55.2#  
89 0.0 64.3 96.5#  
182 0.0 1.8 2.6#

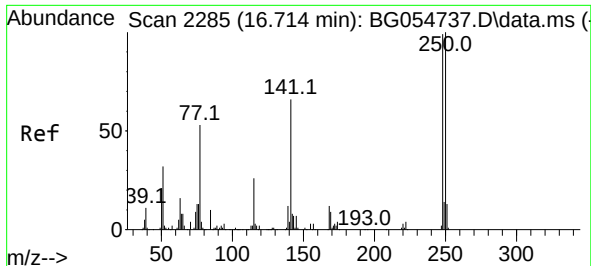


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.531 min Scan# 2424  
Delta R.T. 0.000 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

Tgt Ion:188 Resp: 229397  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.0 10.4  
80 9.4 7.9 11.9



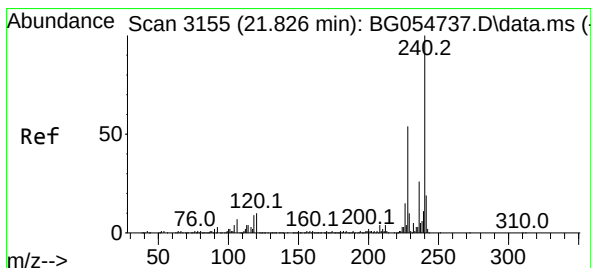
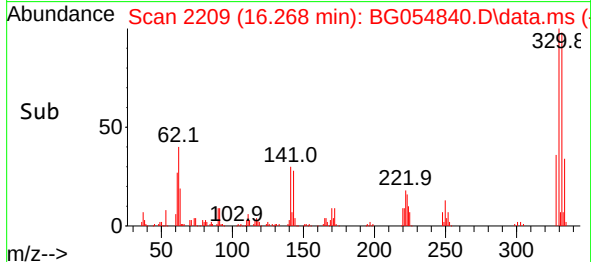
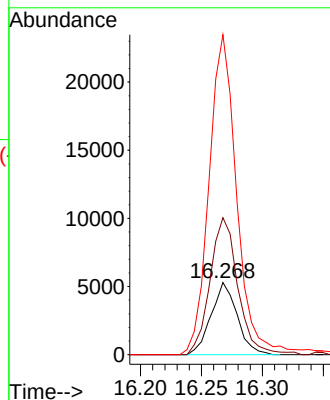
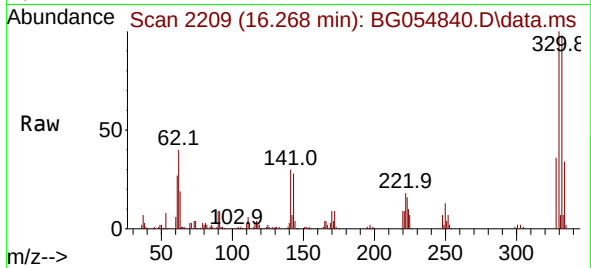




#67  
4-Bromophenyl-phenylether  
Concen: 3.132 ng  
RT: 16.268 min Scan# 21  
Delta R.T. -0.447 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

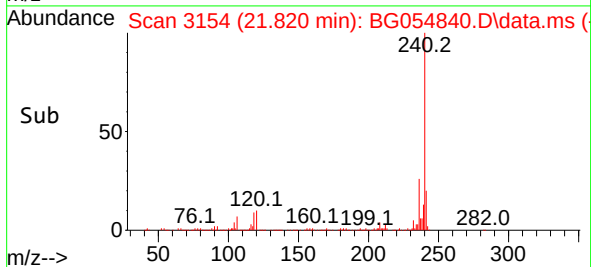
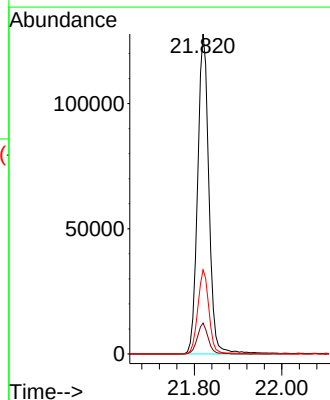
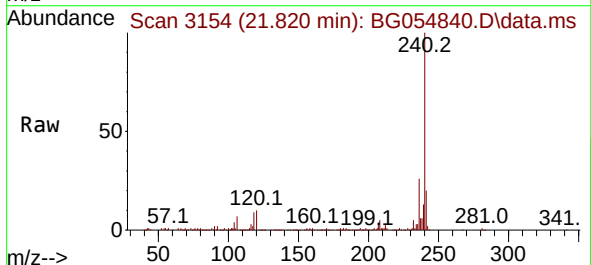
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(10-17)

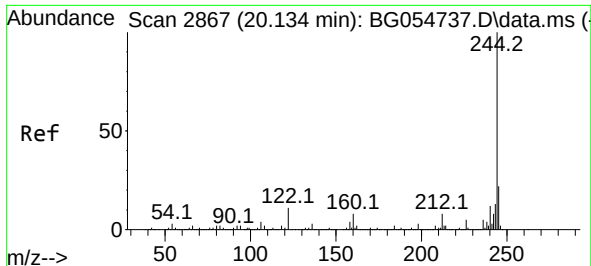
Tgt Ion:248 Resp: 7888  
Ion Ratio Lower Upper  
248 100  
250 189.9 78.8 118.2#  
141 443.5 51.9 77.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.820 min Scan# 3154  
Delta R.T. -0.006 min  
Lab File: BG054840.D  
Acq: 2 Sep 2022 14:49

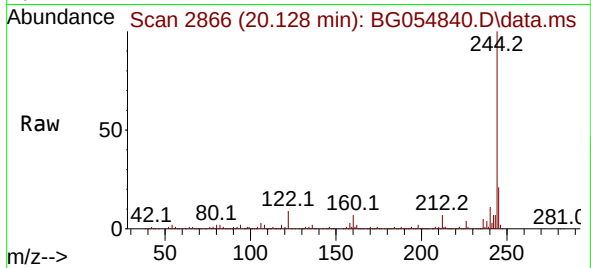
Tgt Ion:240 Resp: 229491  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.2 12.4  
236 26.3 21.2 31.8



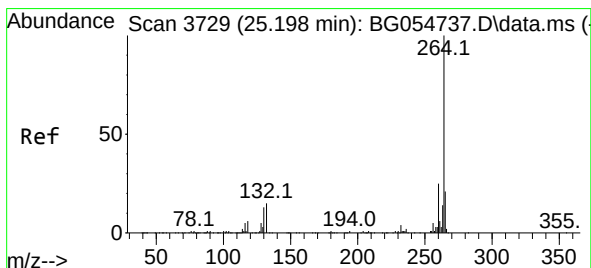
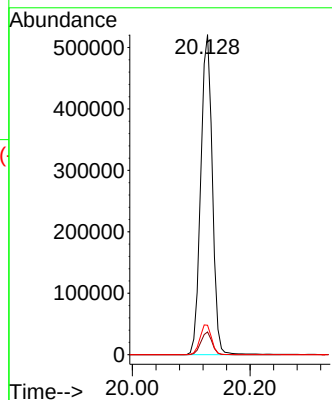
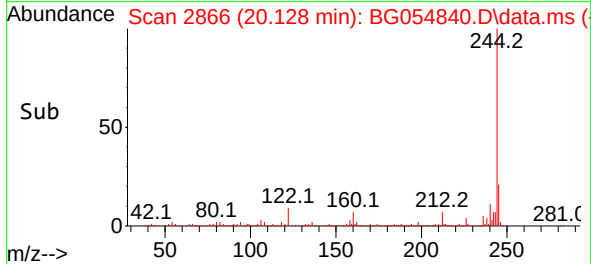


#79  
 Terphenyl-d14  
 Concen: 61.521 ng  
 RT: 20.128 min Scan# 2866  
 Delta R.T. -0.006 min  
 Lab File: BG054840.D  
 Acq: 2 Sep 2022 14:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SASP2-T-5-(10-17)



Tgt Ion:244 Resp: 712560  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.2 9.2  
 122 9.2 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.192 min Scan# 3728  
 Delta R.T. -0.006 min  
 Lab File: BG054840.D  
 Acq: 2 Sep 2022 14:49

Tgt Ion:264 Resp: 235739  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.9 29.9  
 265 21.1 16.9 25.3

