

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090222\  
 Data File : BG054841.D  
 Acq On : 2 Sep 2022 15:30  
 Operator : CG/JU  
 Sample : N4453-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 03 00:27:29 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

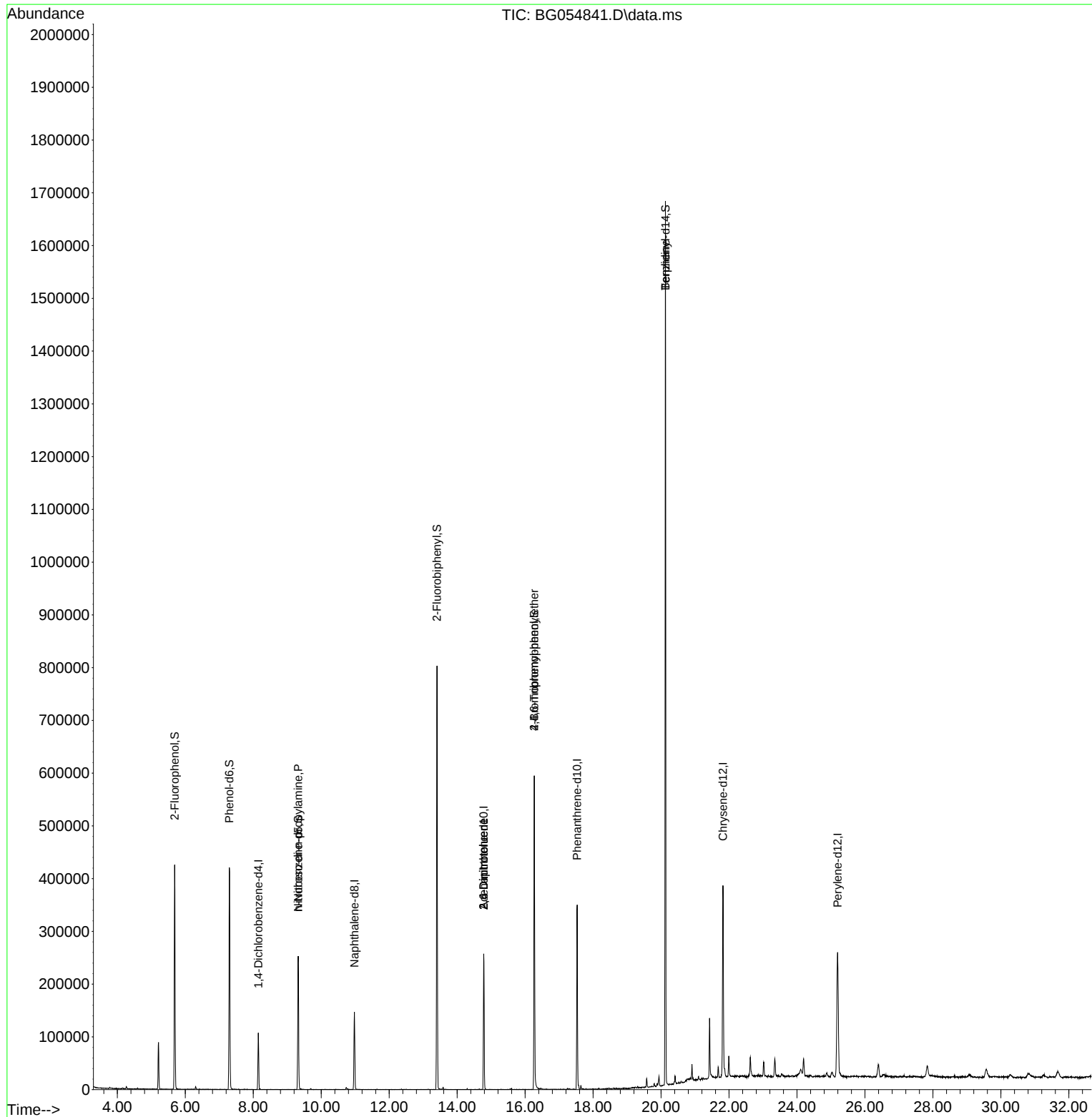
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.147  | 152  | 32743    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.973 | 136  | 135227   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.780 | 164  | 98538    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.530 | 188  | 239976   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.819 | 240  | 232710   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.192 | 264  | 244562   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.685  | 112  | 198671   | 105.659 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.295  | 99   | 275963   | 107.317 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.322  | 82   | 166014   | 64.448  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.267 | 330  | 135658   | 110.175 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.406 | 172  | 438943   | 66.953  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.127 | 244  | 858071   | 73.060  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.322  | 70   | 20391    | 11.531  | ng    | # 78     |
| 51) 2,6-Dinitrotoluene        | 14.780 | 165  | 12787    | 8.235   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 14.780 | 165  | 12787    | 5.954   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 16.267 | 248  | 8167     | 3.100   | ng    | # 1      |
| 77) Benzidine                 | 20.127 | 184  | 12131    | 2.105   | ng    | # 90     |
| -----                         |        |      |          |         |       |          |

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

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SASP2-T-5-(5-10)

Quant Time: Sep 03 00:27:29 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

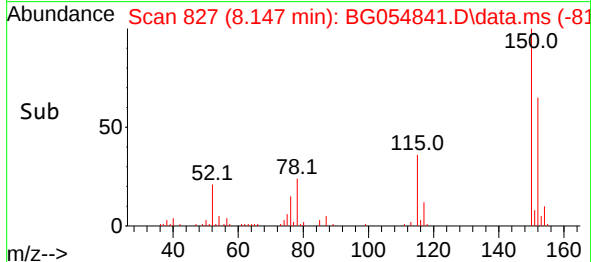
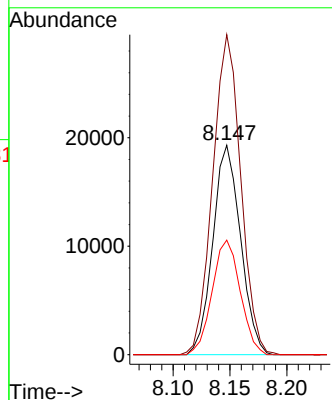
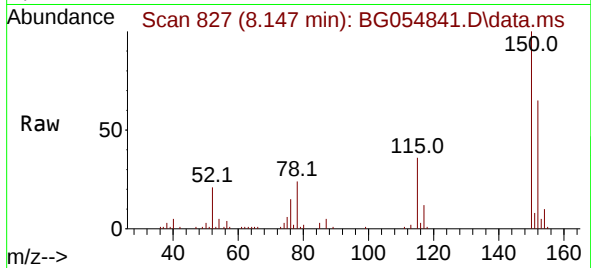




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.147 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

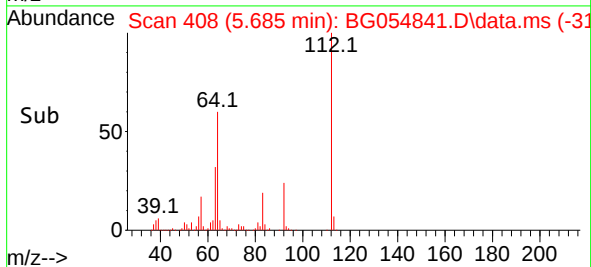
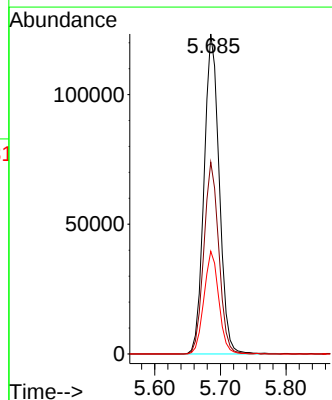
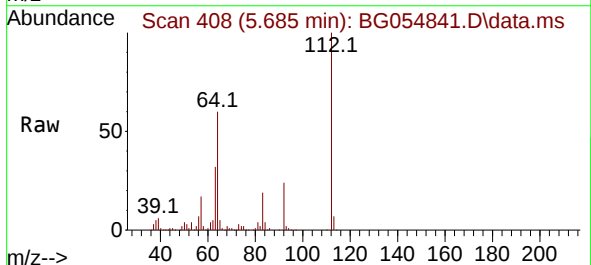
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(5-10)

Tgt Ion:152 Resp: 32743  
Ion Ratio Lower Upper  
152 100  
150 152.8 125.2 187.8  
115 54.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 105.659 ng  
RT: 5.685 min Scan# 408  
Delta R.T. -0.001 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

Tgt Ion:112 Resp: 198671  
Ion Ratio Lower Upper  
112 100  
64 59.9 49.3 73.9  
63 32.1 26.3 39.5

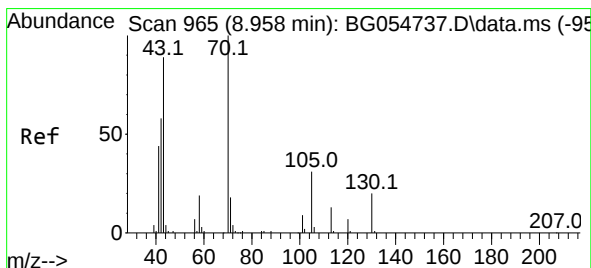
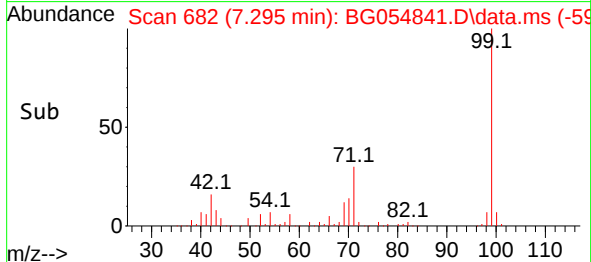
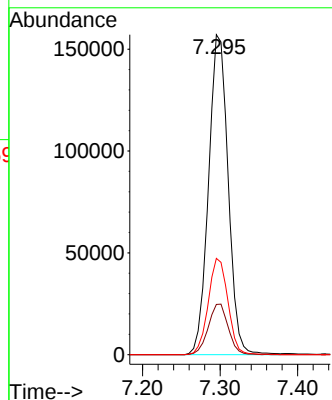
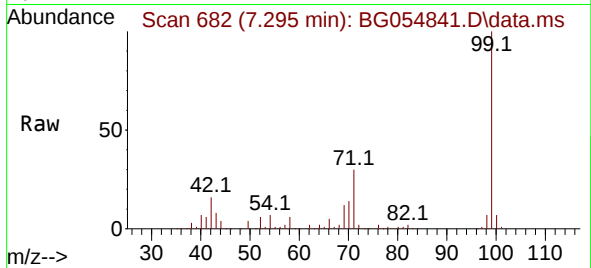




#7  
Phenol-d6  
Concen: 107.317 ng  
RT: 7.295 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

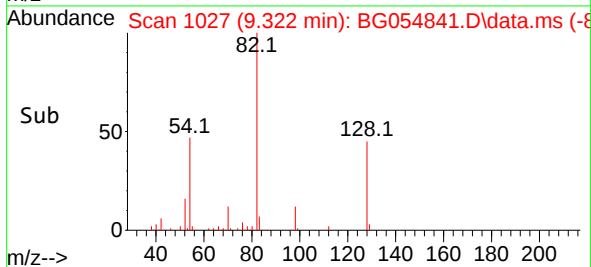
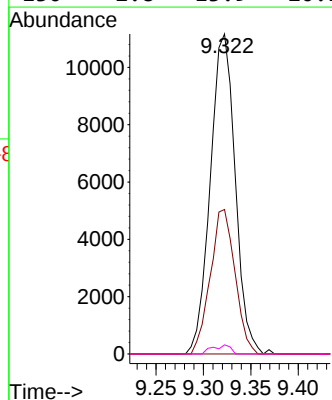
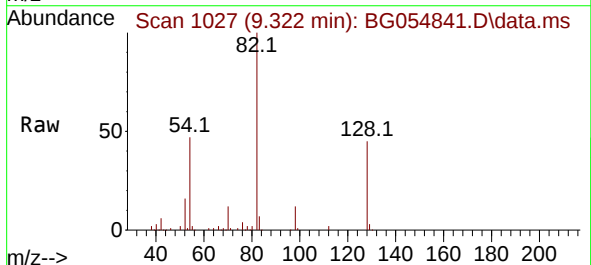
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(5-10)

Tgt Ion: 99 Resp: 275963  
Ion Ratio Lower Upper  
99 100  
42 15.7 14.6 22.0  
71 30.1 24.6 37.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.531 ng  
RT: 9.322 min Scan# 1027  
Delta R.T. 0.364 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

Tgt Ion: 70 Resp: 20391  
Ion Ratio Lower Upper  
70 100  
42 45.2 46.6 69.8#  
101 0.0 7.7 11.5#  
130 2.8 13.9 20.9#

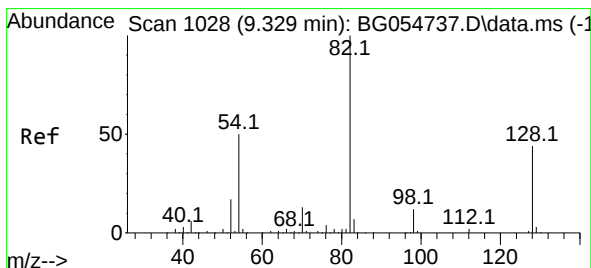
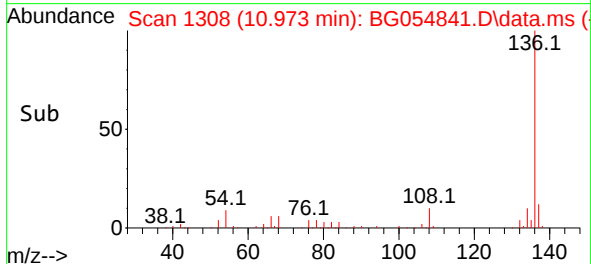
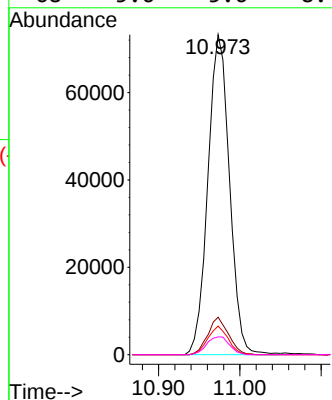
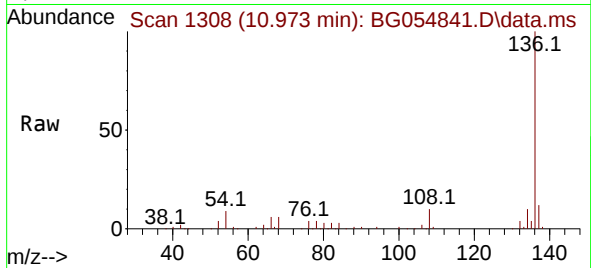




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.973 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

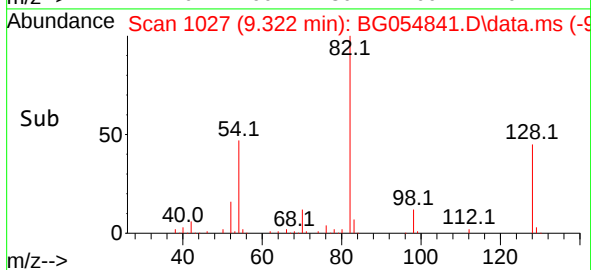
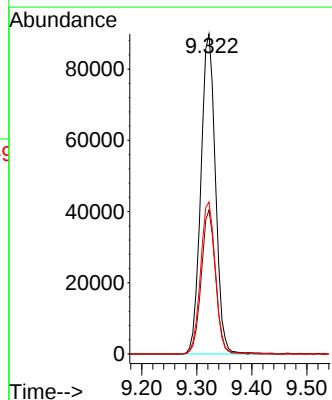
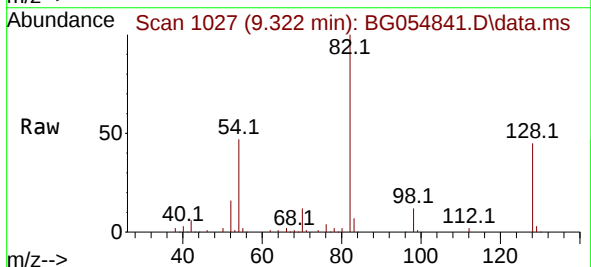
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(5-10)

Tgt Ion:136 Resp: 135227  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.2 13.8  
54 9.0 7.7 11.5  
68 5.6 5.6 8.4#



#23  
Nitrobenzene-d5  
Concen: 64.448 ng  
RT: 9.322 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

Tgt Ion: 82 Resp: 166014  
Ion Ratio Lower Upper  
82 100  
128 45.0 32.2 48.2  
54 47.5 41.4 62.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1957

Delta R.T. -0.007 min

Lab File: BG054841.D

Acq: 2 Sep 2022 15:30

Instrument :

BNA\_G

ClientSampleId :

SASP2-T-5-(5-10)

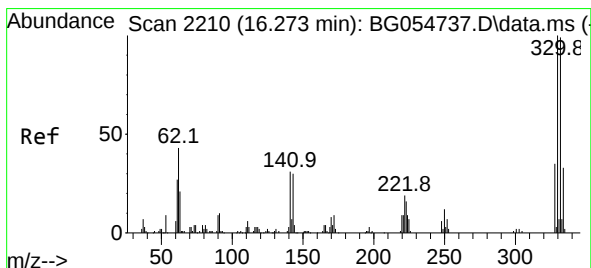
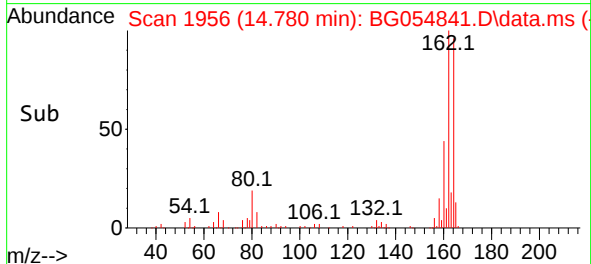
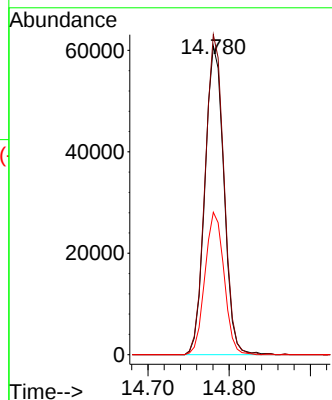
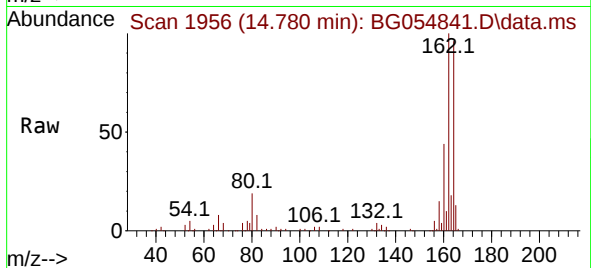
Tgt Ion:164 Resp: 98538

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 46.1 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 110.175 ng

RT: 16.267 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BG054841.D

Acq: 2 Sep 2022 15:30

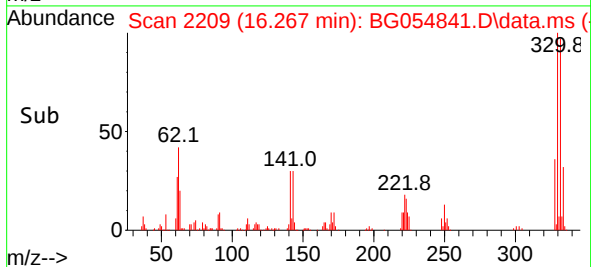
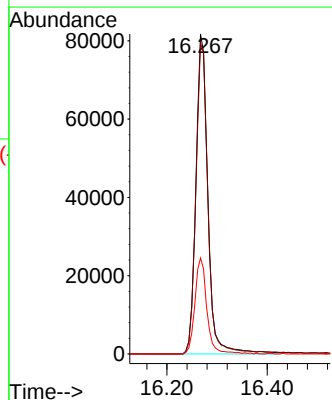
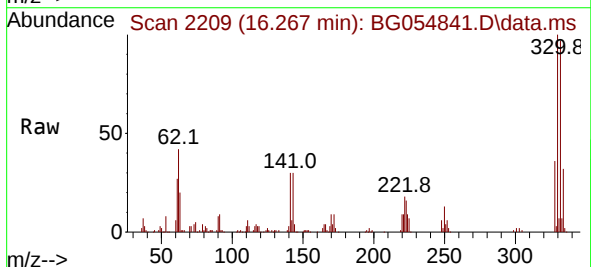
Tgt Ion:330 Resp: 135658

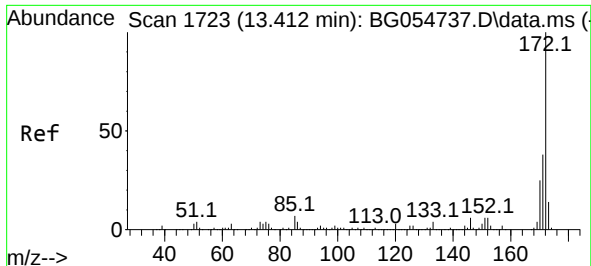
Ion Ratio Lower Upper

330 100

332 96.9 79.8 119.6

141 29.9 26.8 40.2

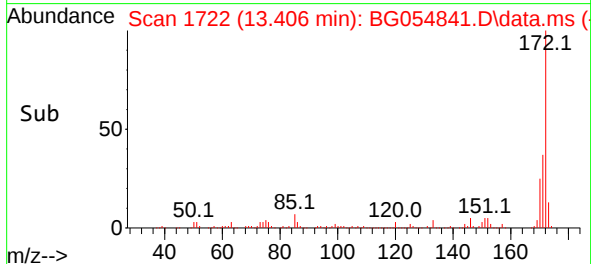
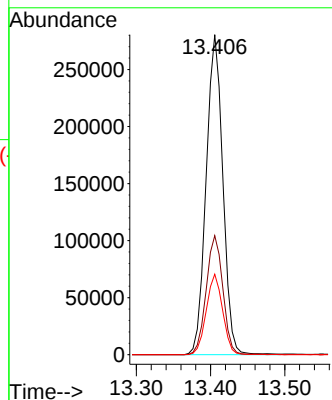
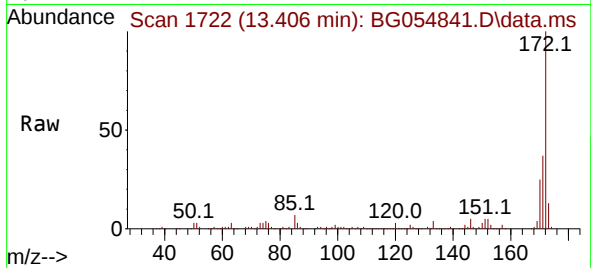




#45  
2-Fluorobiphenyl  
Concen: 66.953 ng  
RT: 13.406 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

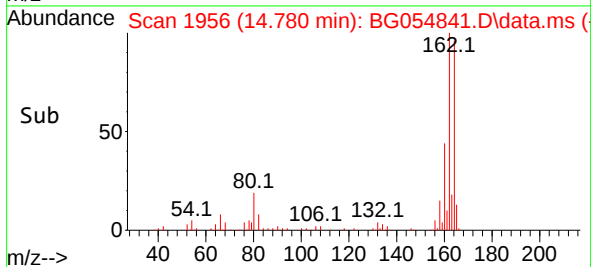
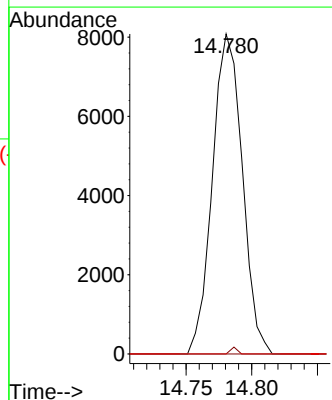
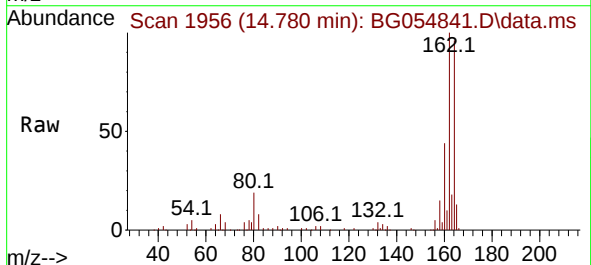
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(5-10)

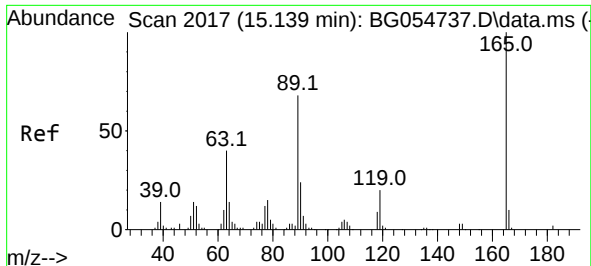
Tgt Ion:172 Resp: 438943  
Ion Ratio Lower Upper  
172 100  
171 37.2 31.2 46.8  
170 25.1 20.6 30.8



#51  
2,6-Dinitrotoluene  
Concen: 8.235 ng  
RT: 14.780 min Scan# 1956  
Delta R.T. 0.422 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

Tgt Ion:165 Resp: 12787  
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: 5.954 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.359 min

Lab File: BG054841.D

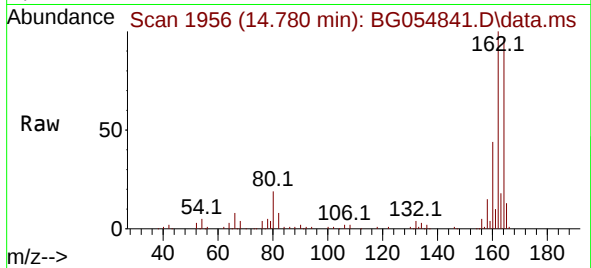
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Instrument :

BNA\_G

ClientSampleId :

SASP2-T-5-(5-10)



Tgt Ion:165 Resp: 12787

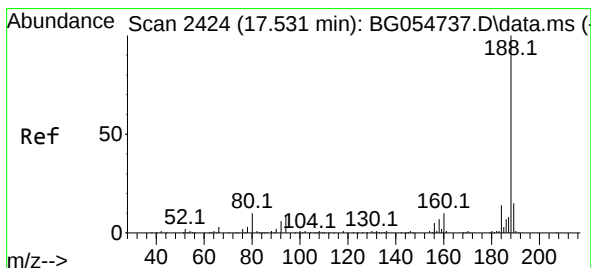
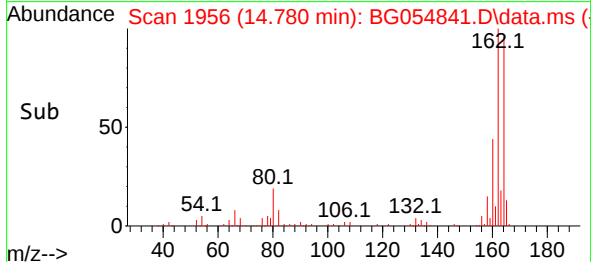
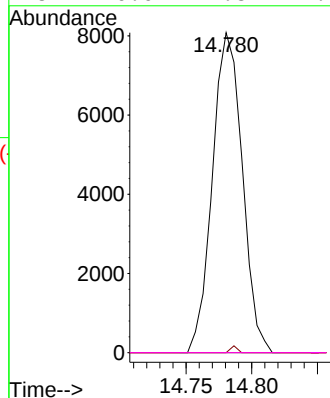
Ion Ratio Lower Upper

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: 17.530 min Scan# 2424

Delta R.T. -0.001 min

Lab File: BG054841.D

Acq: 2 Sep 2022 15:30

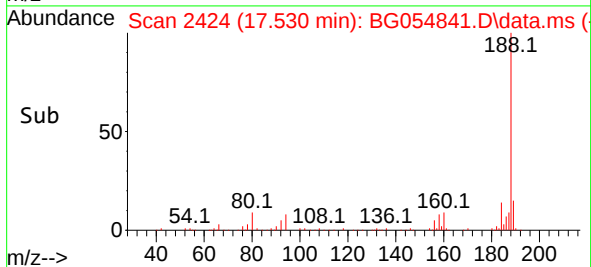
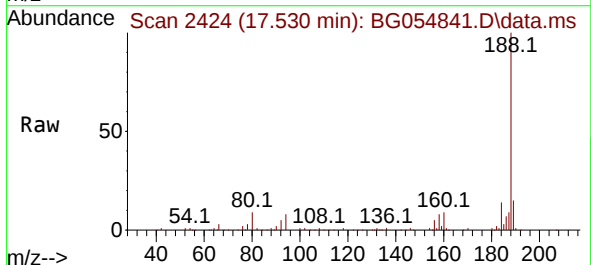
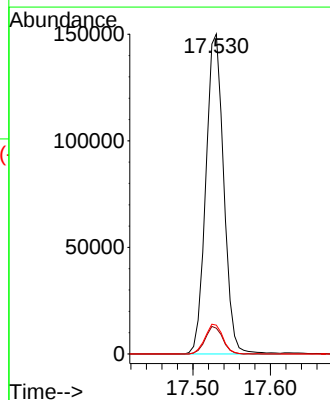
Tgt Ion:188 Resp: 239976

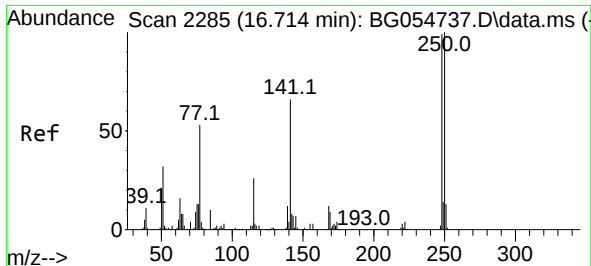
Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 9.0 7.9 11.9

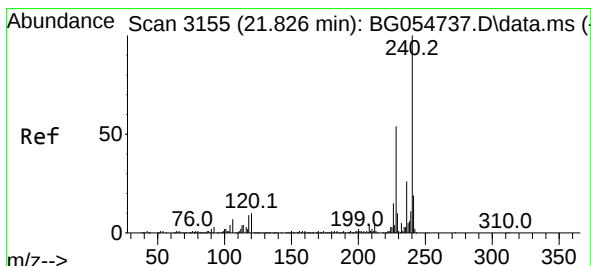
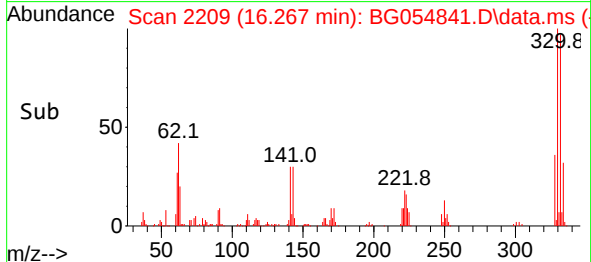
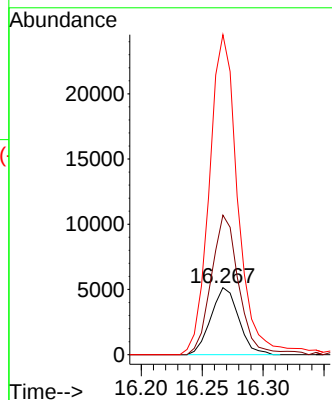
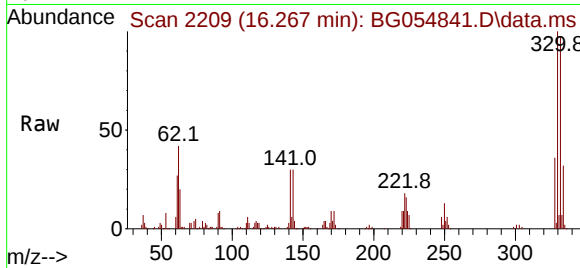




#67  
4-Bromophenyl-phenylether  
Concen: 3.100 ng  
RT: 16.267 min Scan# 211  
Delta R.T. -0.447 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

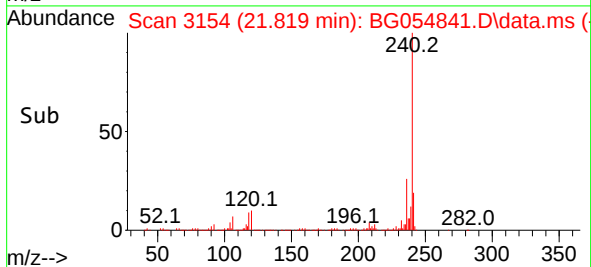
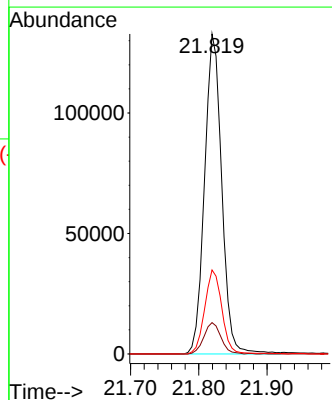
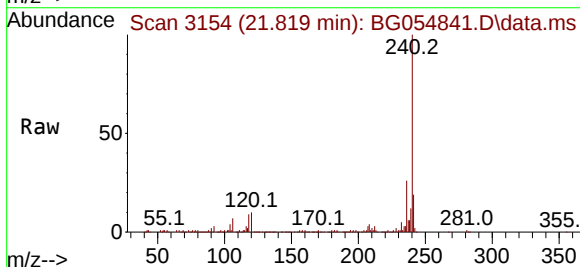
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(5-10)

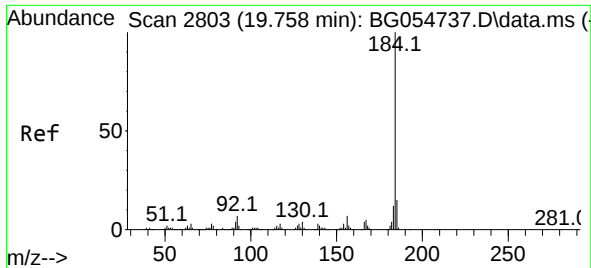
Tgt Ion:248 Resp: 8167  
Ion Ratio Lower Upper  
248 100  
250 208.0 78.8 118.2#  
141 476.8 51.9 77.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.819 min Scan# 3154  
Delta R.T. -0.006 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

Tgt Ion:240 Resp: 232710  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.2 12.4  
236 26.2 21.2 31.8

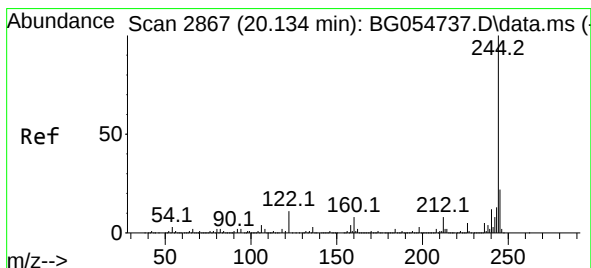
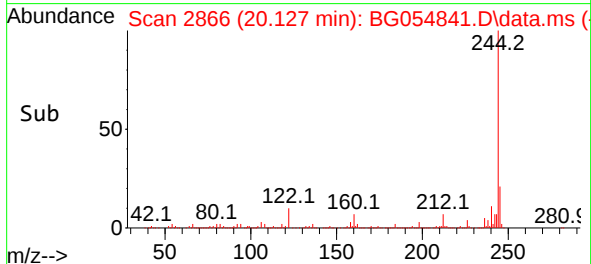
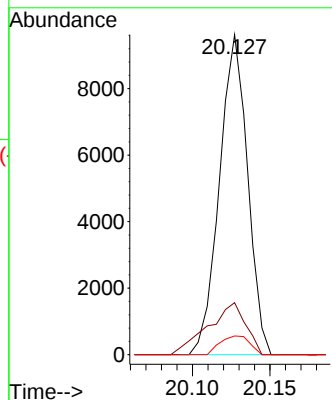
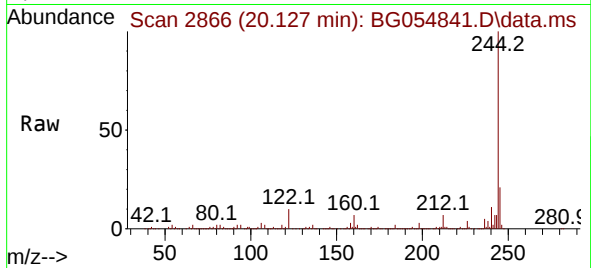




#77  
Benzidine  
Concen: 2.105 ng  
RT: 20.127 min Scan# 2866  
Delta R.T. 0.370 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

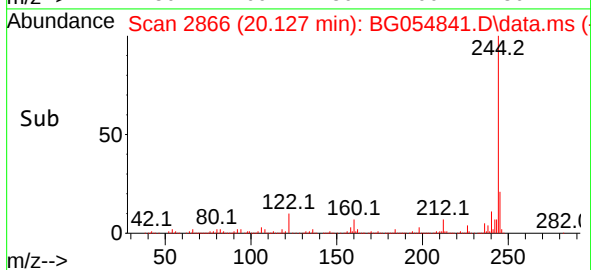
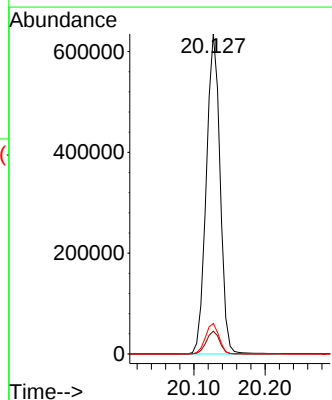
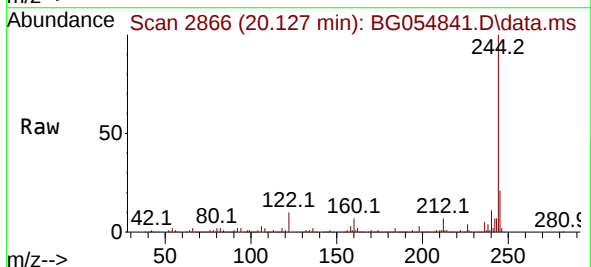
Instrument :  
BNA\_G  
ClientSampleId :  
SASP2-T-5-(5-10)

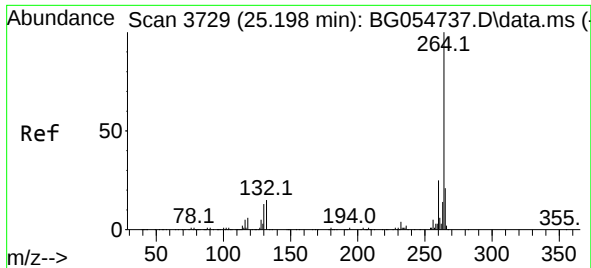
Tgt Ion:184 Resp: 12131  
Ion Ratio Lower Upper  
184 100  
185 16.2 11.4 17.0  
183 5.9 9.8 14.8#



#79  
Terphenyl-d14  
Concen: 73.060 ng  
RT: 20.127 min Scan# 2866  
Delta R.T. -0.006 min  
Lab File: BG054841.D  
Acq: 2 Sep 2022 15:30

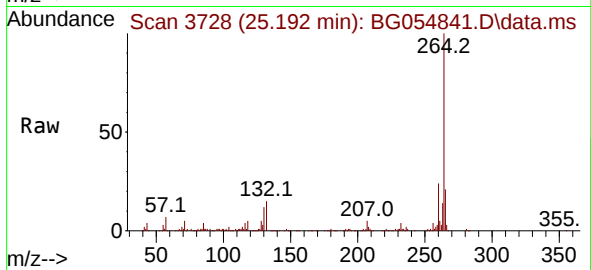
Tgt Ion:244 Resp: 858071  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.2 9.2  
122 9.5 9.0 13.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.192 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BG054841.D  
 Acq: 2 Sep 2022 15:30

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



Tgt Ion:264 Resp: 244562  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.9 29.9  
 265 21.1 16.9 25.3

