

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061056.D
 Acq On : 29 Apr 2024 21:15
 Operator : MA/JU
 Sample : P2283-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 01:24:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

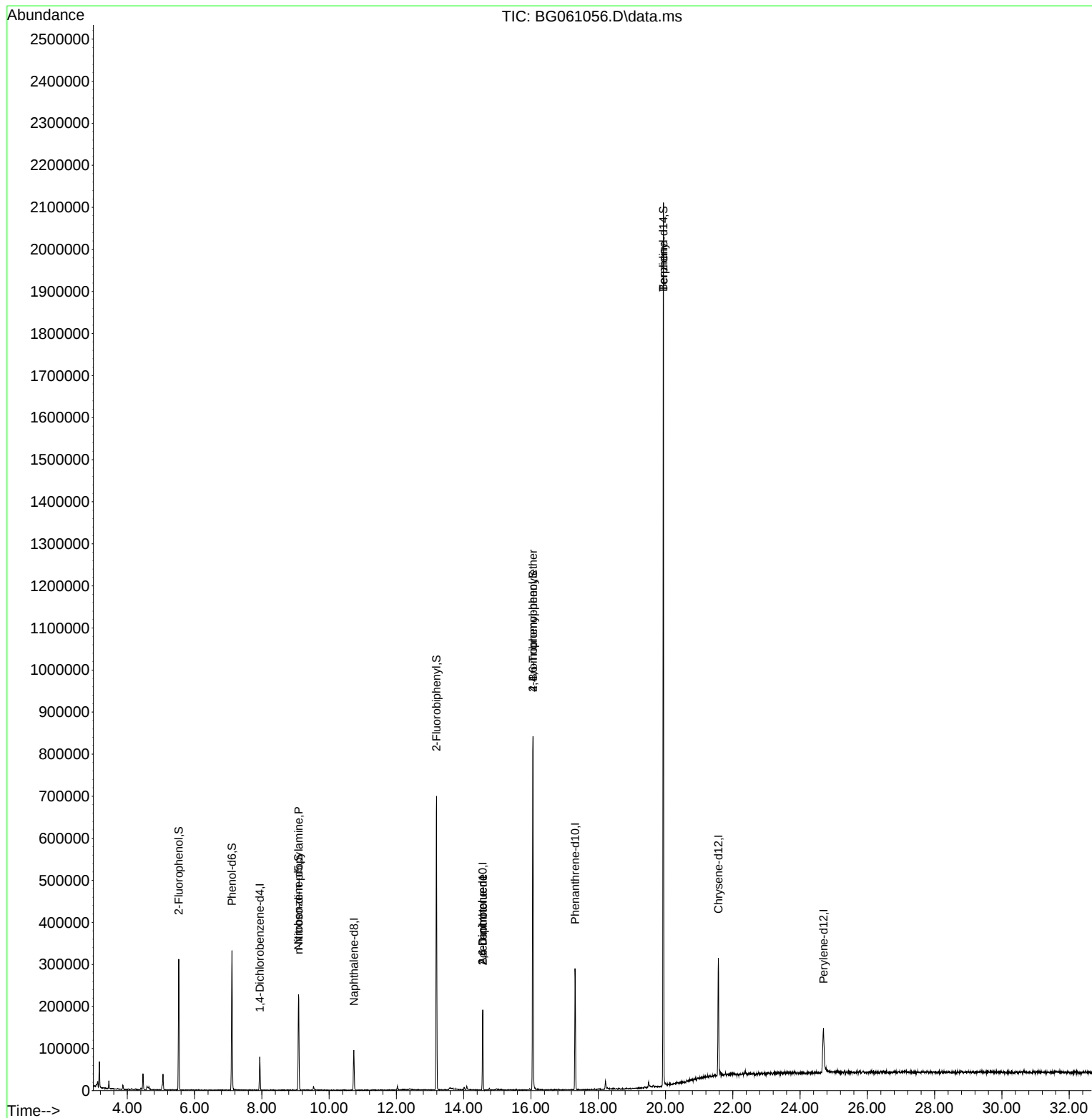
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	20255	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	75709	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	66058	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	187542	20.000	ng	0.00
76) Chrysene-d12	21.571	240	180941	20.000	ng	0.00
86) Perylene-d12	24.697	264	110379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	107774	107.628	ng	0.00
7) Phenol-d6	7.112	99	136253	91.707	ng	0.00
23) Nitrobenzene-d5	9.092	82	114966	68.226	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	191134	131.763	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	354069	74.183	ng	0.00
79) Terphenyl-d14	19.938	244	1086120	93.175	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.098	70	17345	15.665	ng	# 65
51) 2,6-Dinitrotoluene	14.568	165	8548	7.521	ng	# 16
57) 2,4-Dinitrotoluene	14.568	165	8548	5.222	ng	# 19
67) 4-Bromophenyl-phenylether	16.060	248	11834	4.781	ng	# 1
77) Benzydine	19.938	184	17405	5.191	ng	# 77

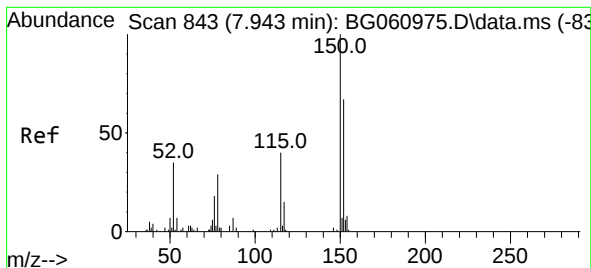
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
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QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.940 min Scan# 843

Delta R.T. -0.003 min

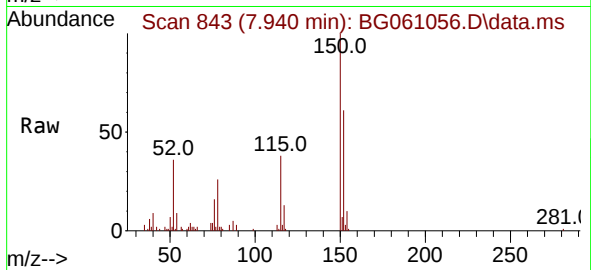
Lab File: BG061056.D

Acq: 29 Apr 2024 21:15

Instrument :

BNA_G

ClientSampleId :



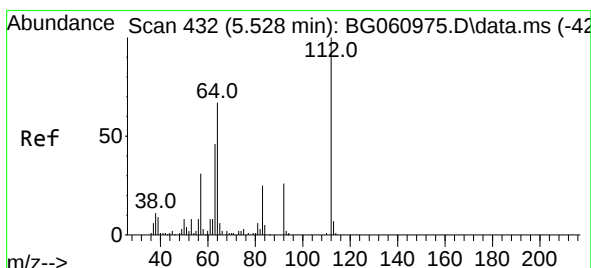
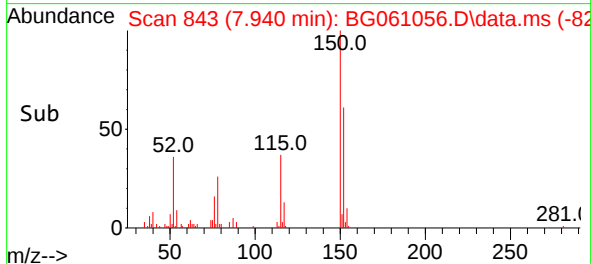
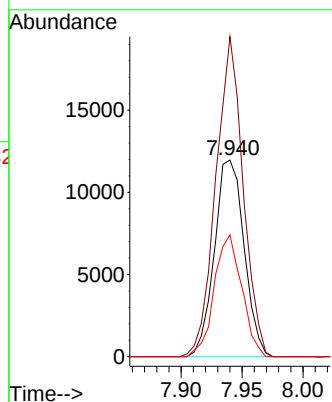
Tgt Ion:152 Resp: 20255

Ion Ratio Lower Upper

152 100

150 162.7 118.6 178.0

115 61.9 47.4 71.0



#5

2-Fluorophenol

Concen: 107.628 ng

RT: 5.531 min Scan# 433

Delta R.T. 0.003 min

Lab File: BG061056.D

Acq: 29 Apr 2024 21:15

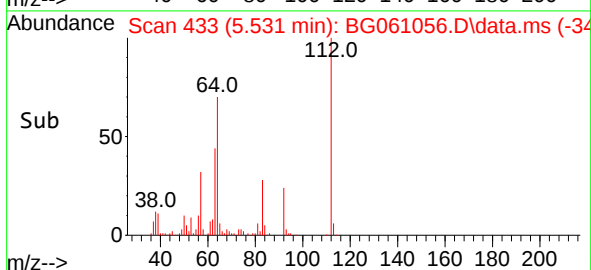
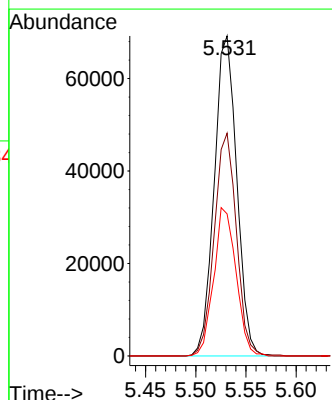
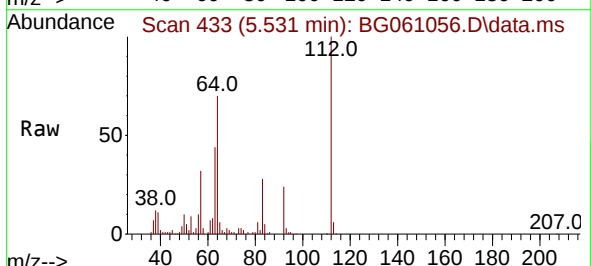
Tgt Ion:112 Resp: 107774

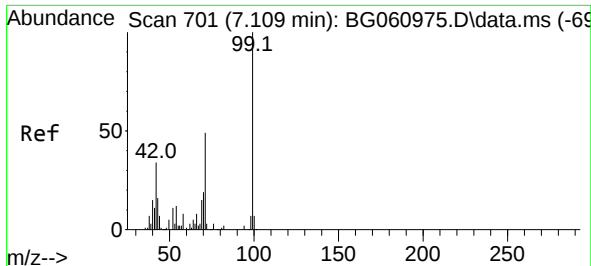
Ion Ratio Lower Upper

112 100

64 69.6 53.7 80.5

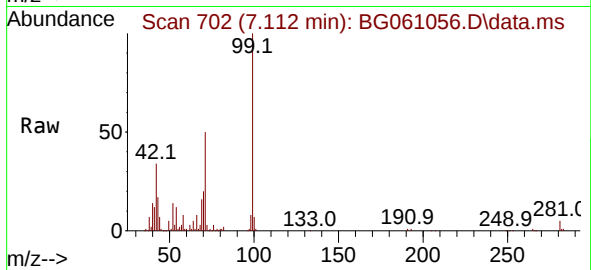
63 44.4 37.0 55.6



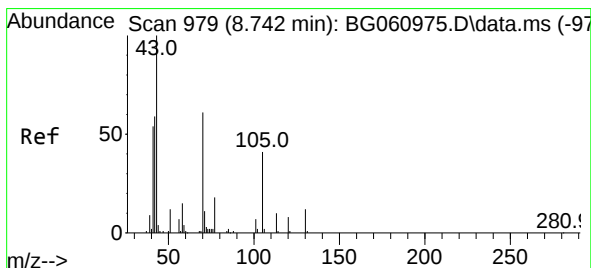
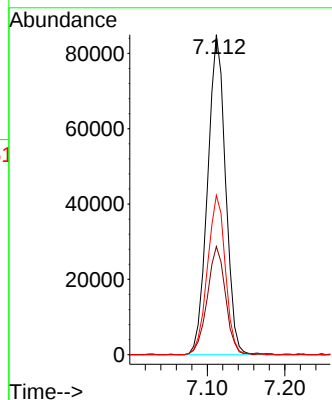
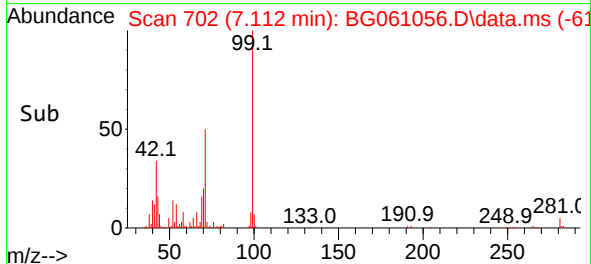


#7
Phenol-d6
Concen: 91.707 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

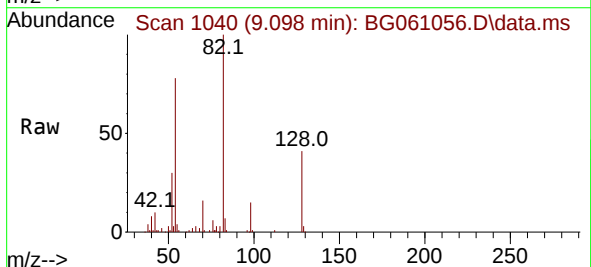
Instrument :
BNA_G
ClientSampleId :



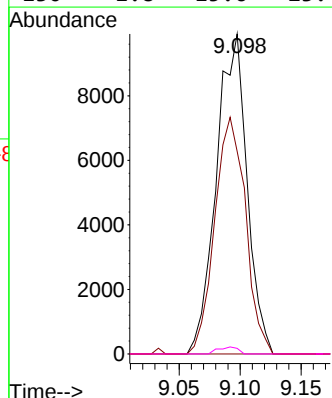
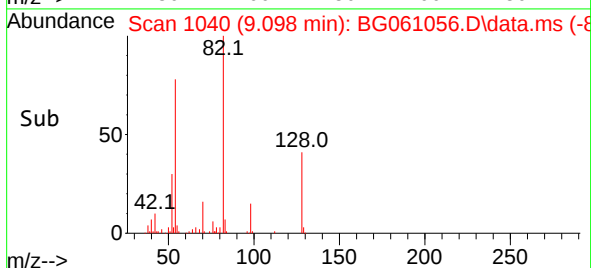
Tgt Ion: 99 Resp: 136253
Ion Ratio Lower Upper
99 100
42 33.8 27.2 40.8
71 49.8 38.8 58.2

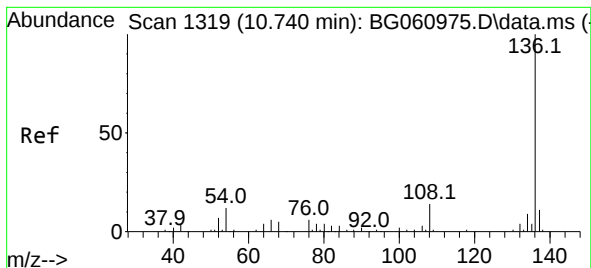


#19
n-Nitroso-di-n-propylamine
Concen: 15.665 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.356 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15



Tgt Ion: 70 Resp: 17345
Ion Ratio Lower Upper
70 100
42 63.3 78.0 117.0#
101 0.0 8.6 13.0#
130 1.8 15.6 23.4#



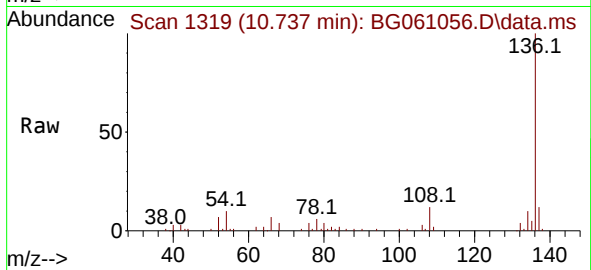


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

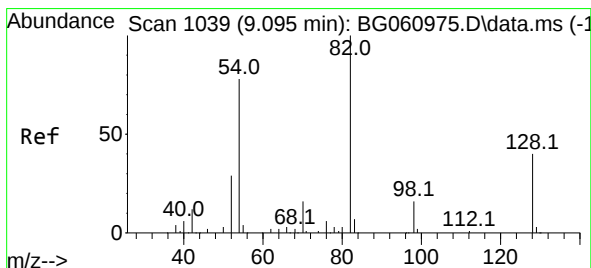
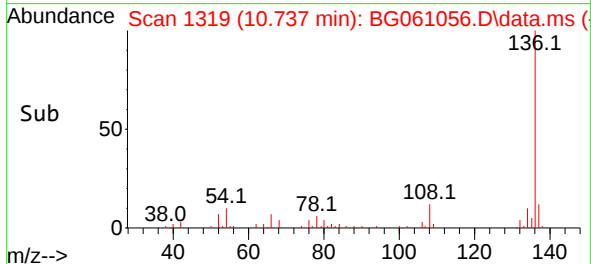
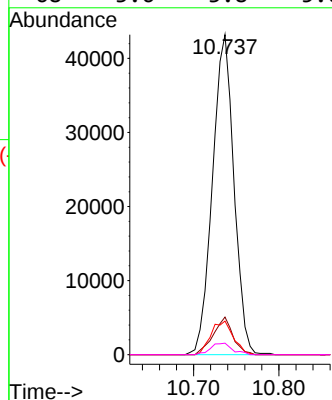
Instrument :

BNA_G

ClientSampleId :

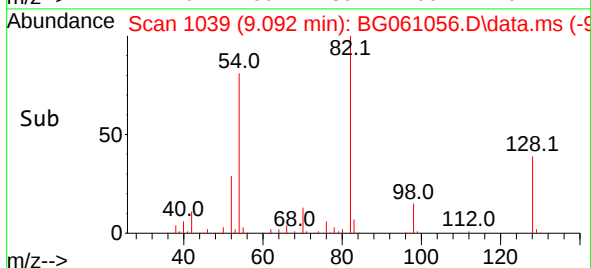
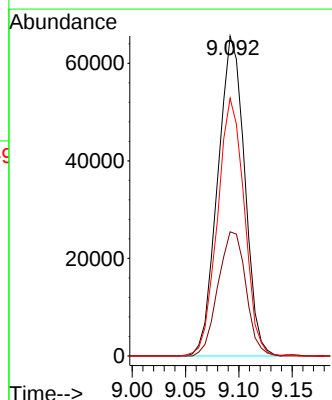
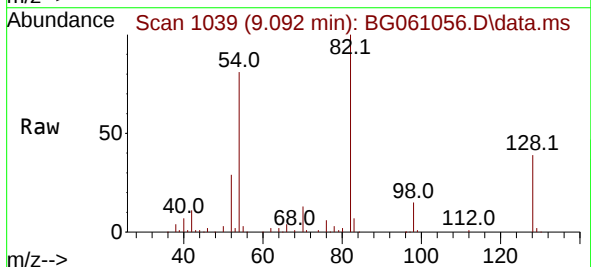


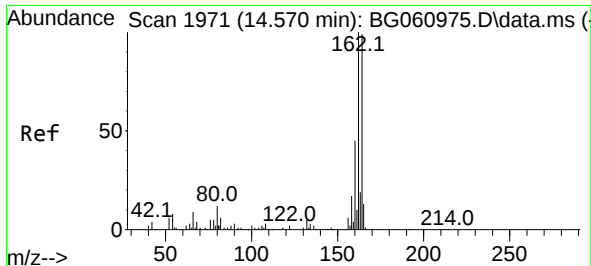
Tgt Ion:136 Resp: 75709
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 10.5 9.4 14.0
68 3.6 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 68.226 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.003 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

Tgt Ion: 82 Resp: 114966
Ion Ratio Lower Upper
82 100
128 38.8 32.1 48.1
54 80.6 62.3 93.5

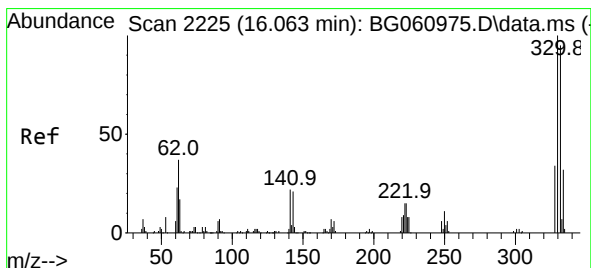
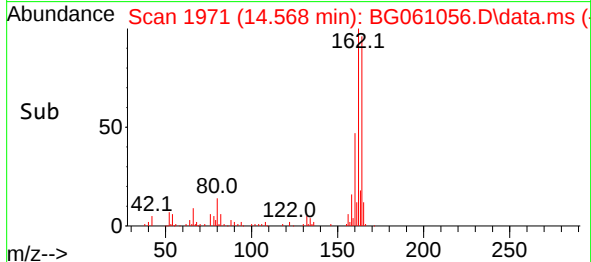
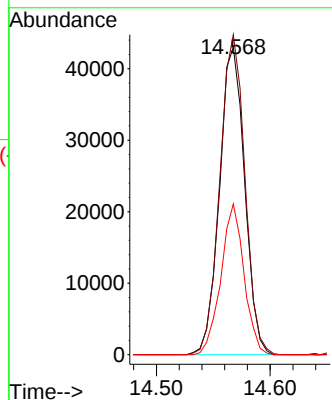
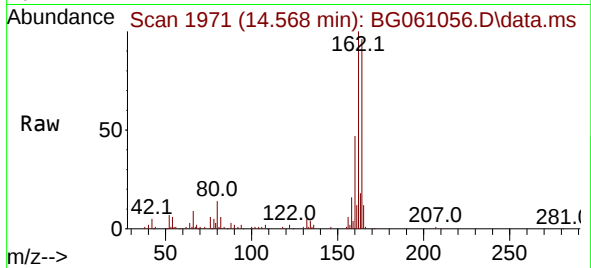




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

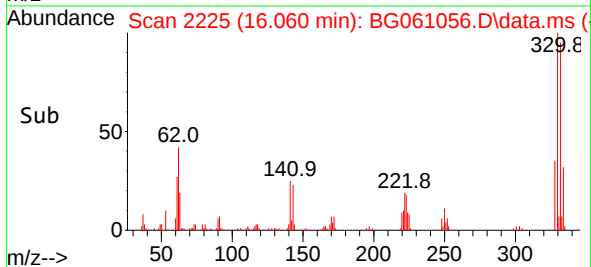
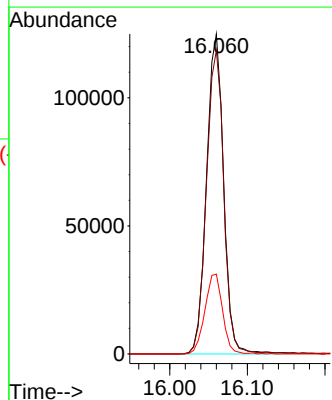
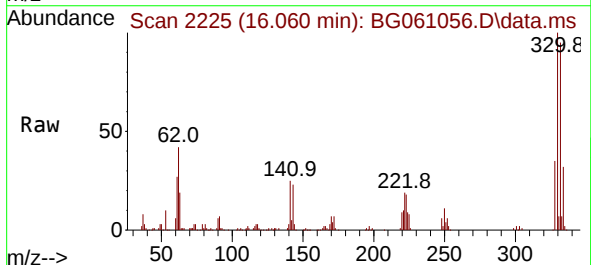
Instrument :
BNA_G
ClientSampleId :

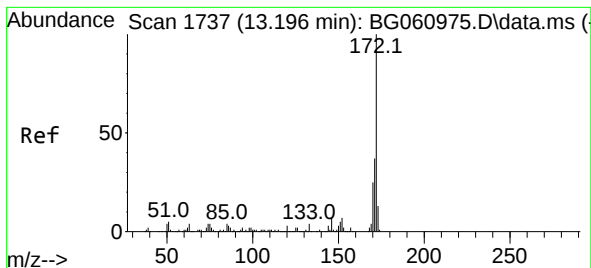
Tgt Ion:164 Resp: 66058
Ion Ratio Lower Upper
164 100
162 104.0 81.2 121.8
160 49.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 131.763 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

Tgt Ion:330 Resp: 191134
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 25.9 20.6 31.0





#45

2-Fluorobiphenyl

Concen: 74.183 ng

RT: 13.193 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG061056.D

Acq: 29 Apr 2024 21:15

Instrument :

BNA_G

ClientSampleId :

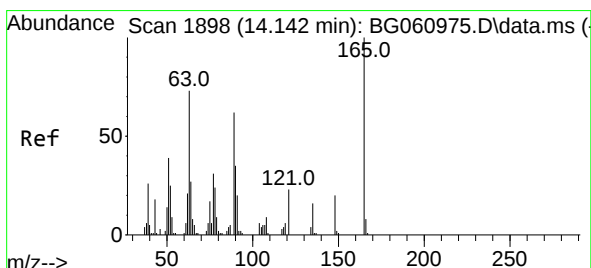
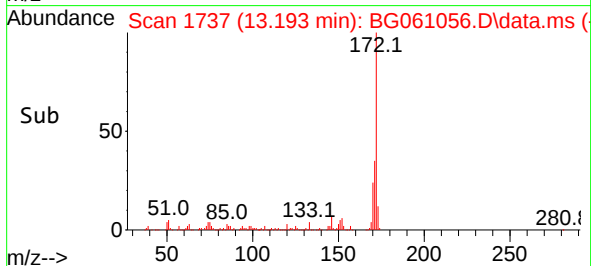
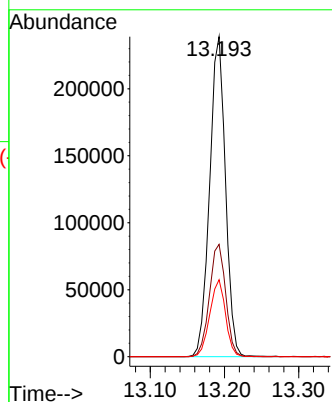
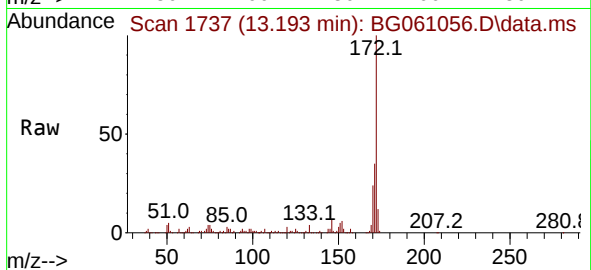
Tgt Ion:172 Resp: 354069

Ion Ratio Lower Upper

172 100

171 35.1 29.3 43.9

170 24.1 20.1 30.1



#51

2,6-Dinitrotoluene

Concen: 7.521 ng

RT: 14.568 min Scan# 1971

Delta R.T. 0.426 min

Lab File: BG061056.D

Acq: 29 Apr 2024 21:15

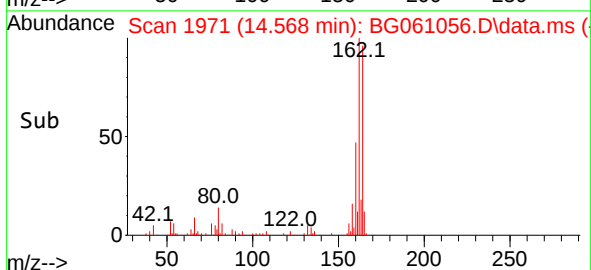
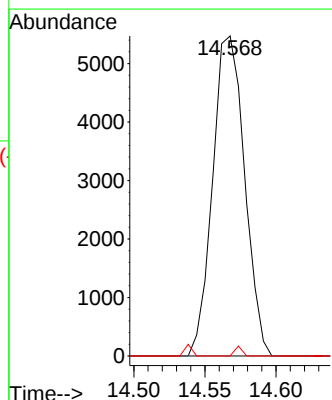
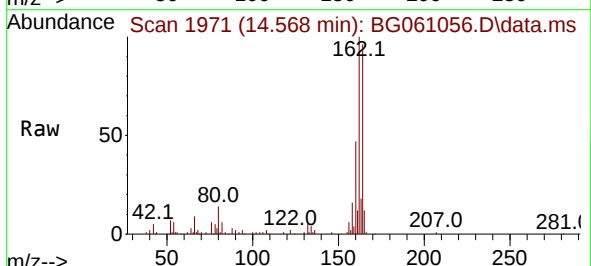
Tgt Ion:165 Resp: 8548

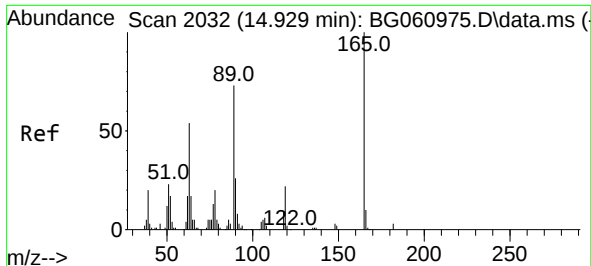
Ion Ratio Lower Upper

165 100

63 0.0 59.6 89.4#

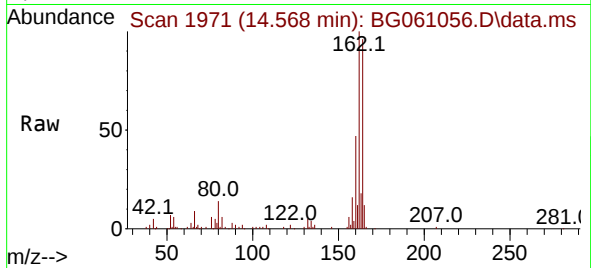
89 0.0 49.4 74.0#



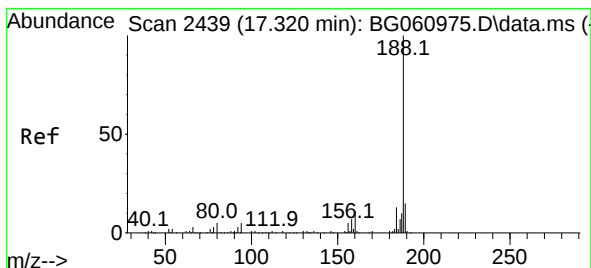
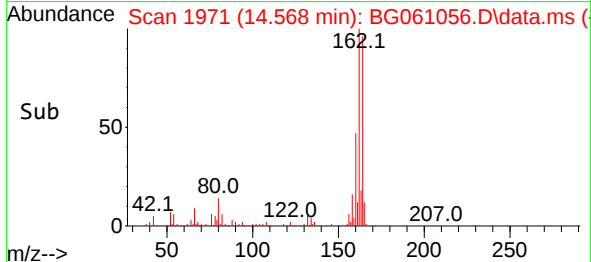
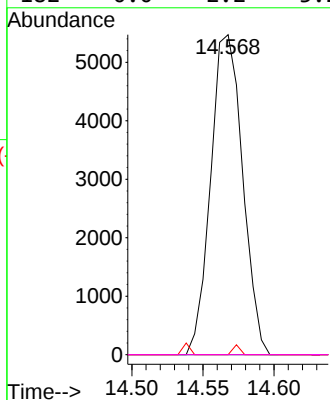


#57
2,4-Dinitrotoluene
Concen: 5.222 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.361 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

Instrument :
BNA_G
ClientSampleId :

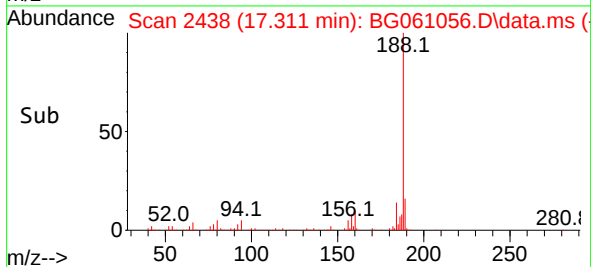
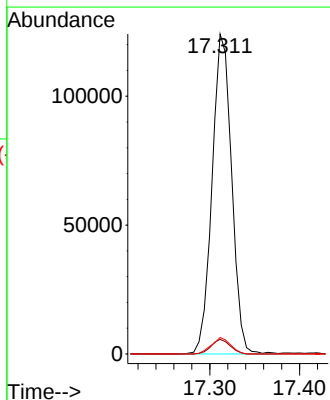
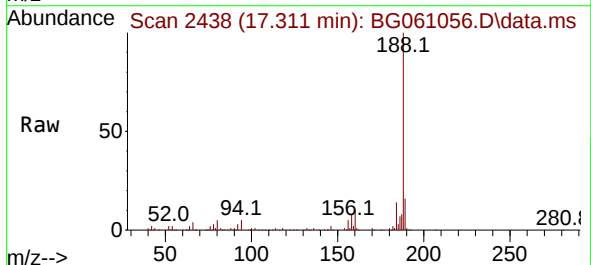


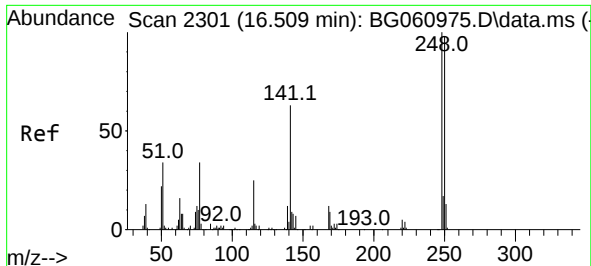
Tgt Ion:165 Resp: 8548
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 58.4 87.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

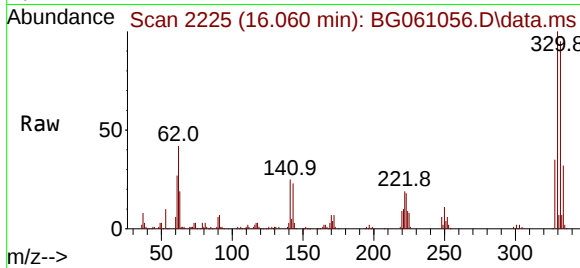
Tgt Ion:188 Resp: 187542
Ion Ratio Lower Upper
188 100
94 4.6 4.1 6.1
80 5.1 4.0 6.0



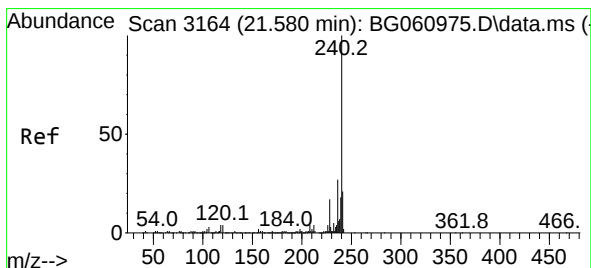
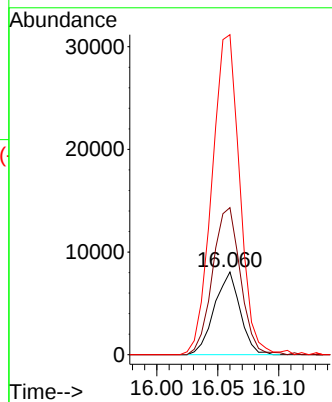
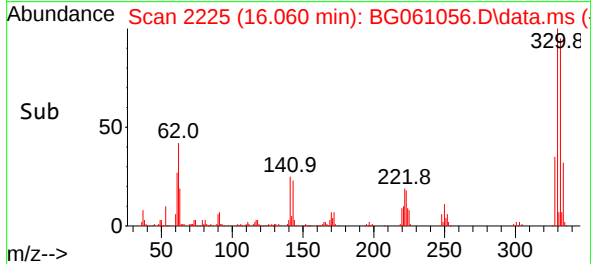


#67
4-Bromophenyl-phenylether
Concen: 4.781 ng
RT: 16.060 min Scan# 211
Delta R.T. -0.449 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

Instrument :
BNA_G
ClientSampleId :

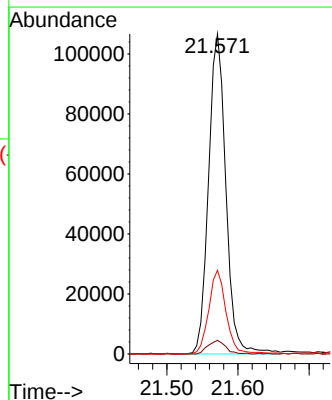
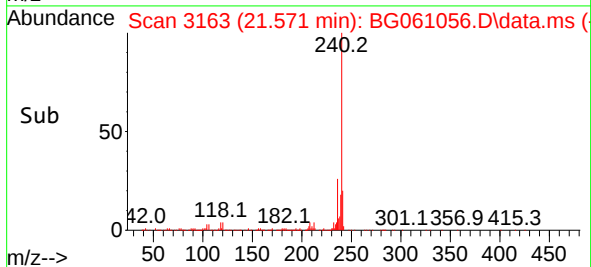
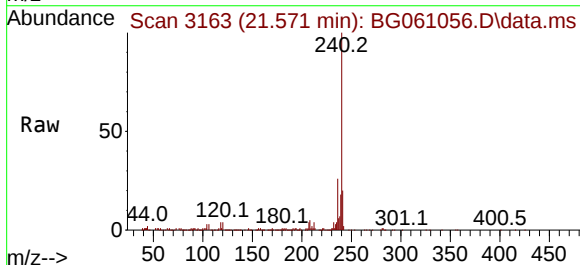


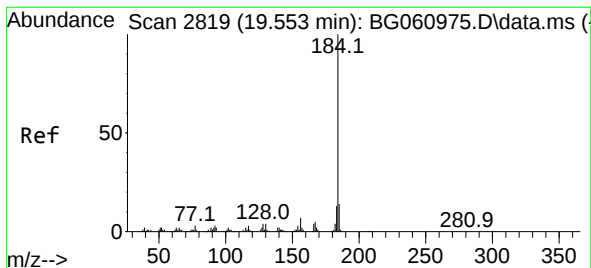
Tgt Ion:248 Resp: 11834
Ion Ratio Lower Upper
248 100
250 177.9 78.7 118.1#
141 387.0 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.009 min
Lab File: BG061056.D
Acq: 29 Apr 2024 21:15

Tgt Ion:240 Resp: 180941
Ion Ratio Lower Upper
240 100
120 4.3 3.0 4.6
236 26.1 21.8 32.6





#77

Benzidine

Concen: 5.191 ng

RT: 19.938 min Scan# 2885

Delta R.T. 0.385 min

Lab File: BG061056.D

Acq: 29 Apr 2024 21:15

Instrument :

BNA_G

ClientSampleId :

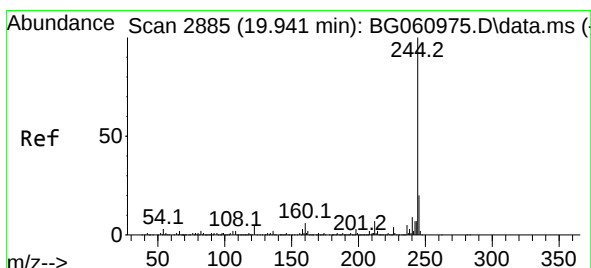
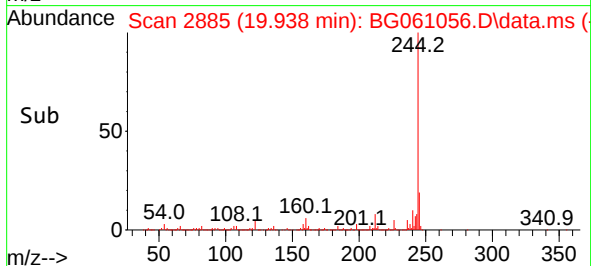
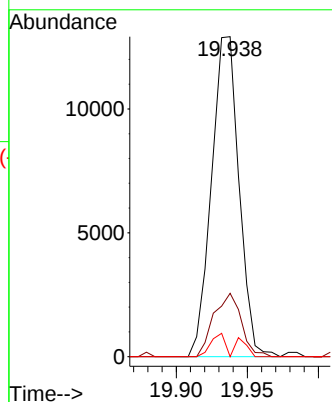
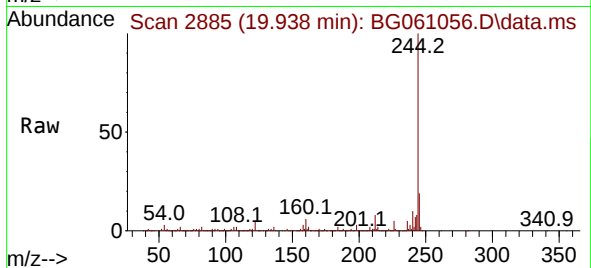
Tgt Ion:184 Resp: 17405

Ion Ratio Lower Upper

184 100

185 19.8 11.3 16.9#

183 0.0 10.2 15.2#



#79

Terphenyl-d14

Concen: 93.175 ng

RT: 19.938 min Scan# 2885

Delta R.T. -0.003 min

Lab File: BG061056.D

Acq: 29 Apr 2024 21:15

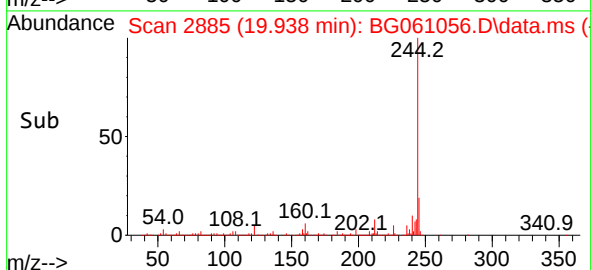
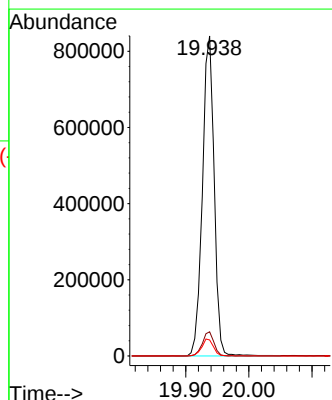
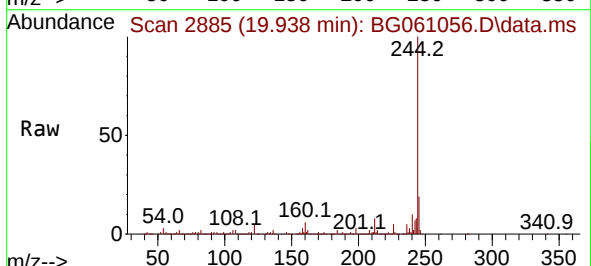
Tgt Ion:244 Resp: 1086120

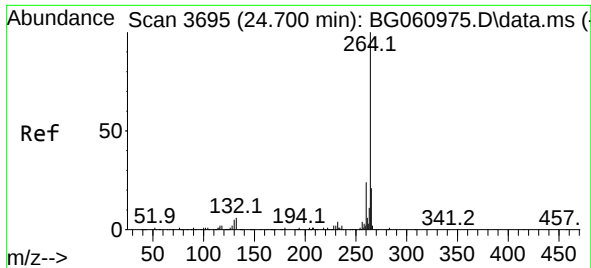
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

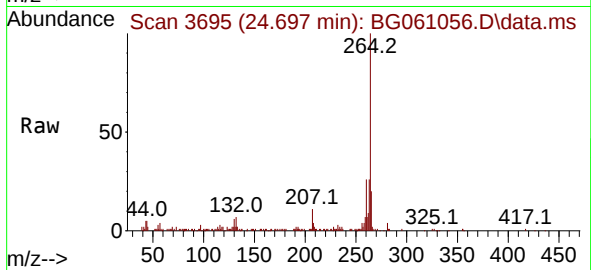
122 5.0 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG061056.D
 Acq: 29 Apr 2024 21:15

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264	Resp: 110379
Ion Ratio	Lower Upper
264	100
260	26.1 19.4 29.2
265	20.0 17.0 25.4

