

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056337.D
 Acq On : 18 Jan 2023 20:51
 Operator : CG/JU
 Sample : 01159-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Quant Time: Jan 19 00:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

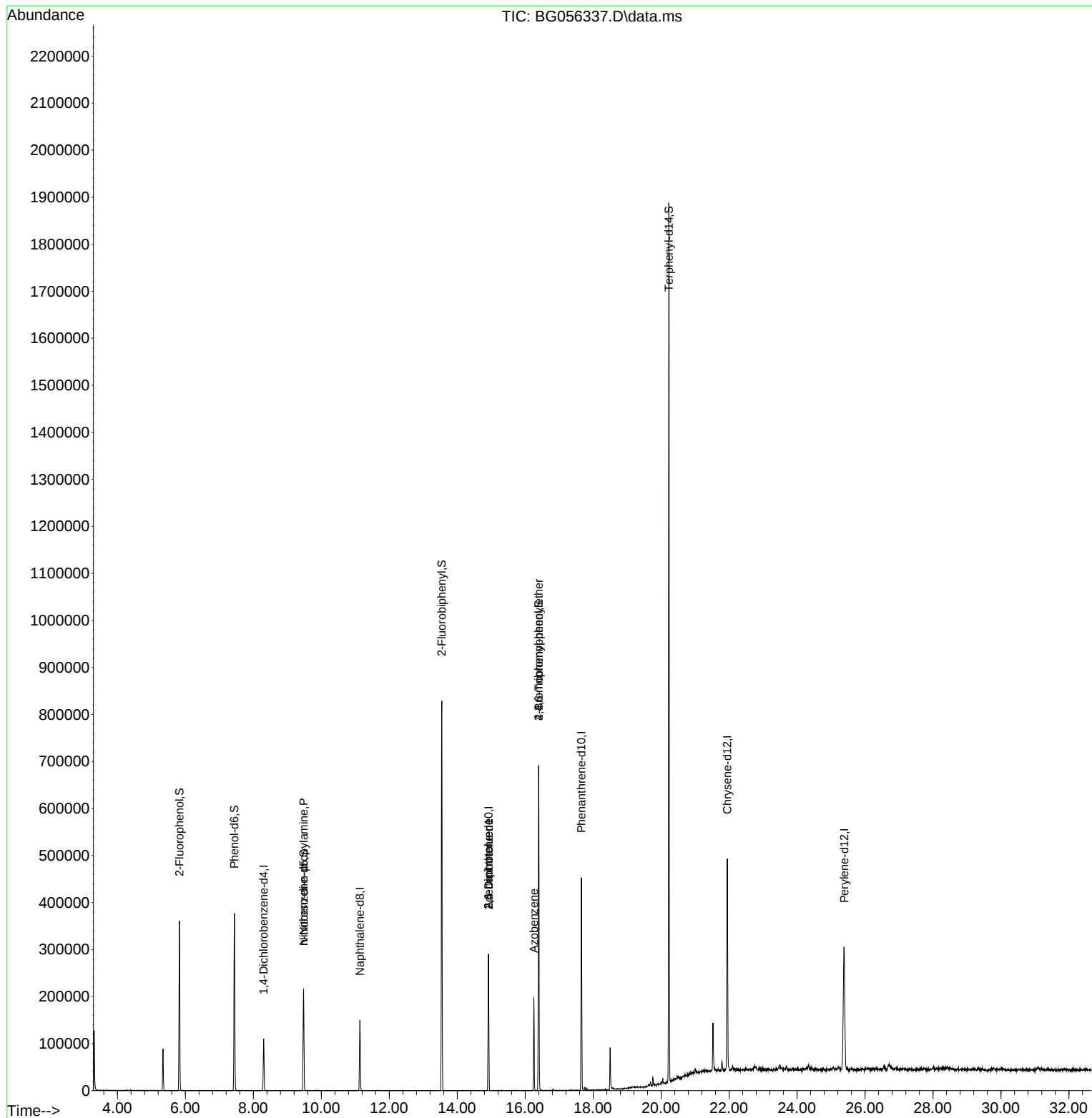
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	37146	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	137880	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	113922	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	316562	20.000	ng	0.00
76) Chrysene-d12	21.948	240	308228	20.000	ng	0.00
86) Perylene-d12	25.385	264	329732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	202833	97.496	ng	0.00
7) Phenol-d6	7.441	99	288714	90.366	ng	0.00
23) Nitrobenzene-d5	9.480	82	154370	57.269	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	147513	102.241	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	474954	57.571	ng	0.00
79) Terphenyl-d14	20.226	244	1047760	60.883	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.480	70	18940	9.749	ng	# 76
51) 2,6-Dinitrotoluene	14.921	165	15203	7.758	ng	# 32
57) 2,4-Dinitrotoluene	14.921	165	15203	5.547	ng	# 29
63) Azobenzene	16.255	77	50350	7.565	ng	# 1
67) 4-Bromophenyl-phenylether	16.396	248	12623	3.131	ng	# 1

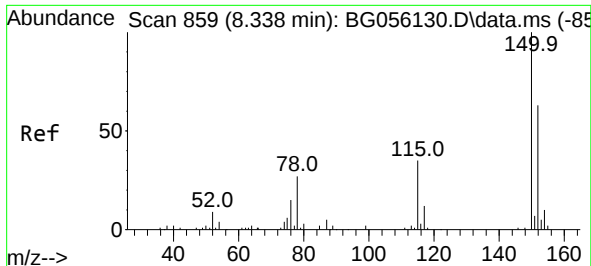
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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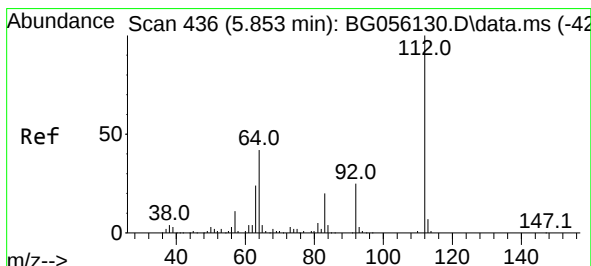
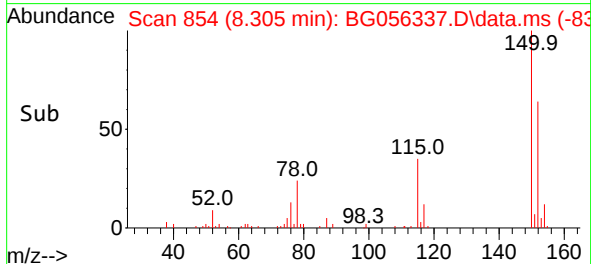
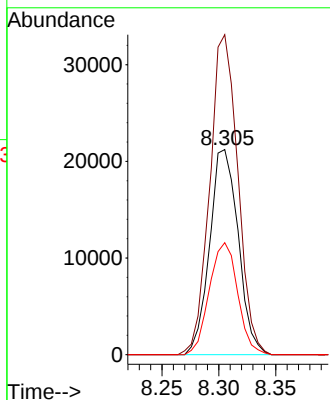
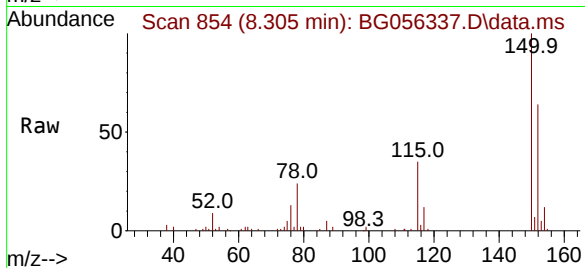




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

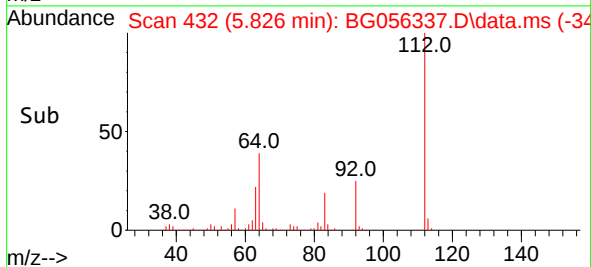
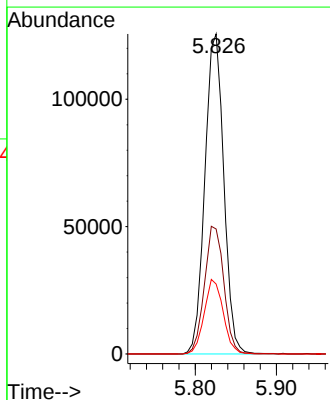
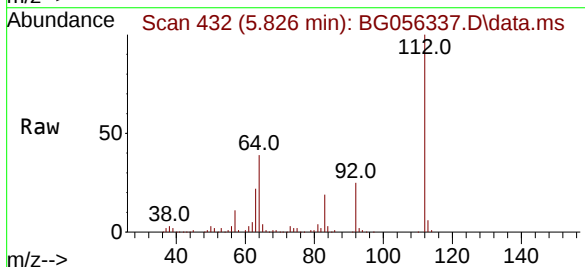
Instrument :
BNA_G
ClientSampleId :
MH-6

Tgt Ion:152 Resp: 37146
Ion Ratio Lower Upper
152 100
150 156.0 127.9 191.9
115 54.6 44.2 66.2



#5
2-Fluorophenol
Concen: 97.496 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:112 Resp: 202833
Ion Ratio Lower Upper
112 100
64 39.1 33.3 49.9
63 21.9 19.0 28.4

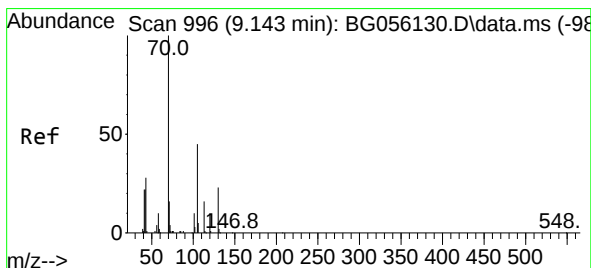
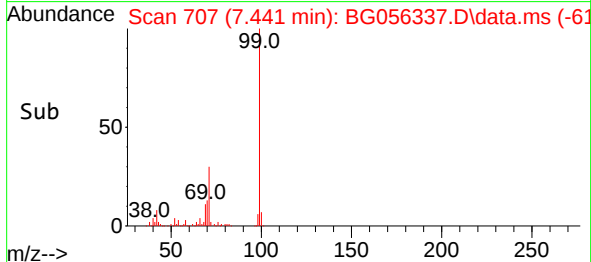
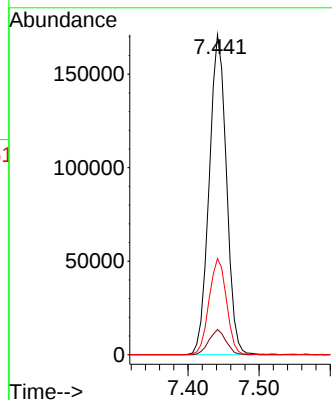
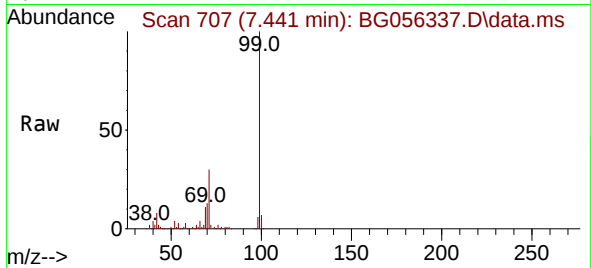




#7
Phenol-d6
Concen: 90.366 ng
RT: 7.441 min Scan# 711
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

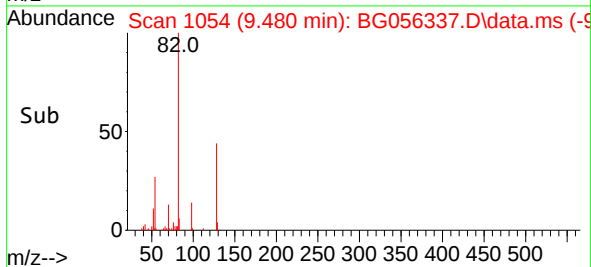
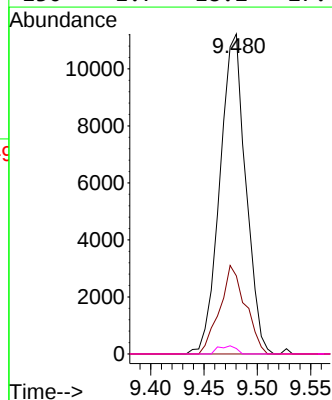
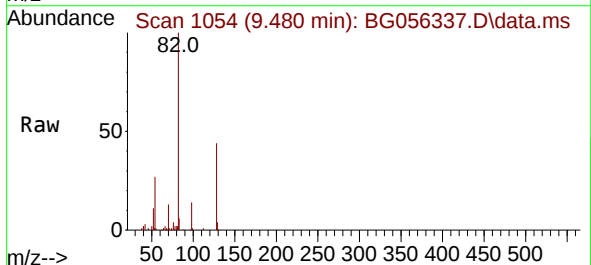
Instrument :
BNA_G
ClientSampleId :
MH-6

Tgt Ion: 99 Resp: 288714
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.1 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.749 ng
RT: 9.480 min Scan# 1054
Delta R.T. 0.369 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion: 70 Resp: 18940
Ion Ratio Lower Upper
70 100
42 24.4 18.2 27.2
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

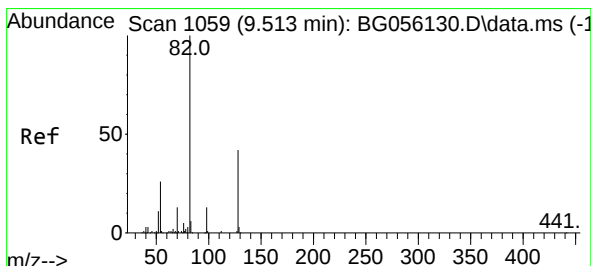
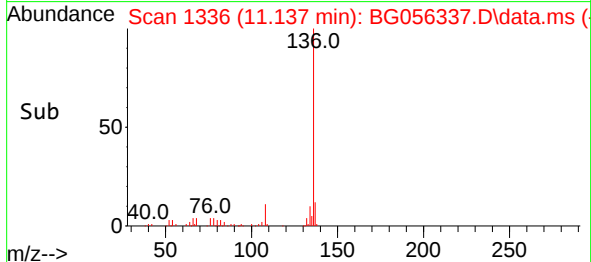
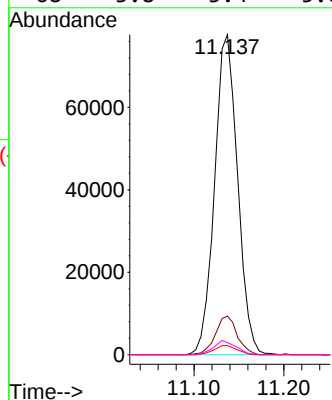
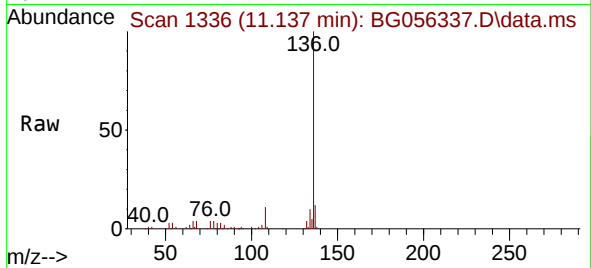




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

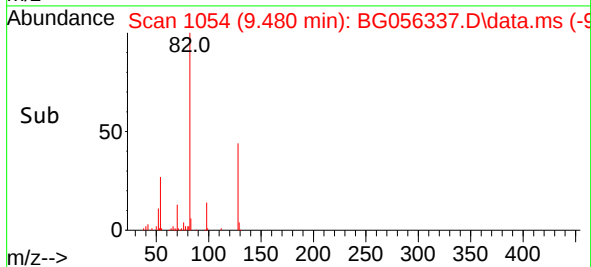
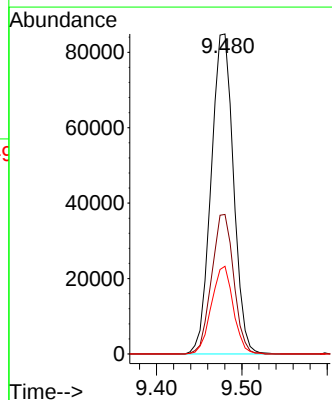
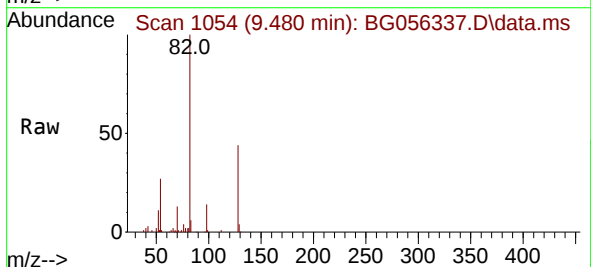
Instrument :
BNA_G
ClientSampleId :
MH-6

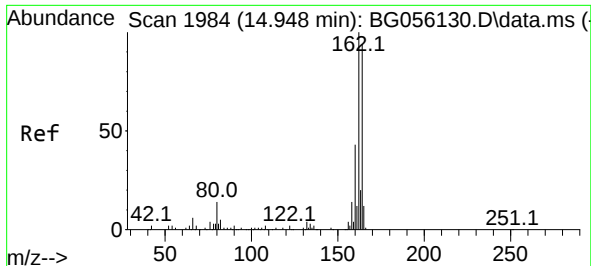
Tgt Ion:	136	Resp:	137880
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	2.9	2.2	3.2
68	3.8	3.4	5.0



#23
Nitrobenzene-d5
Concen: 57.269 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:	82	Resp:	154370
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.2
54	27.4	20.3	30.5

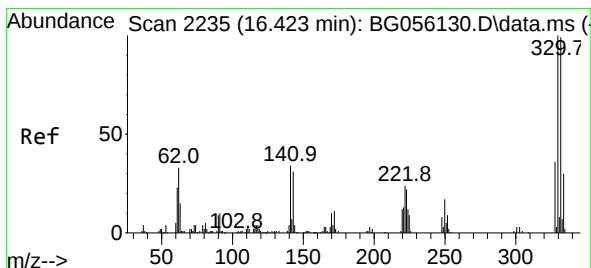
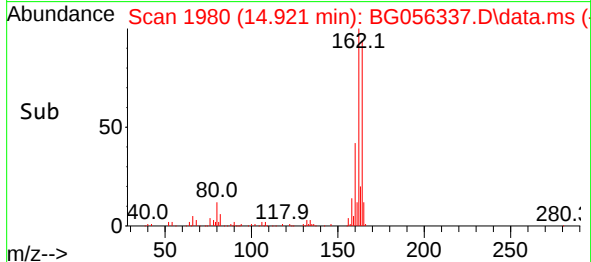
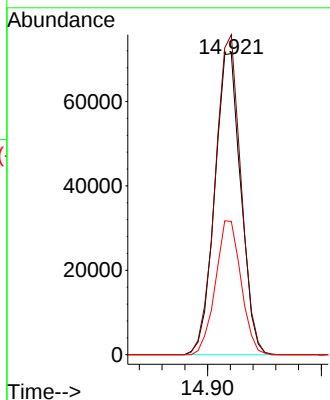
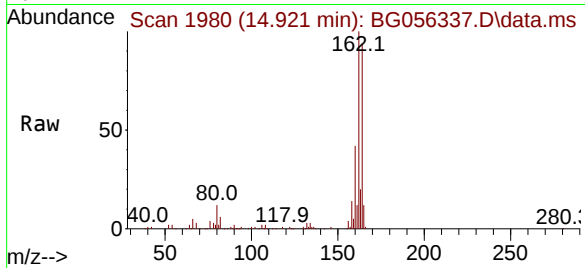




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

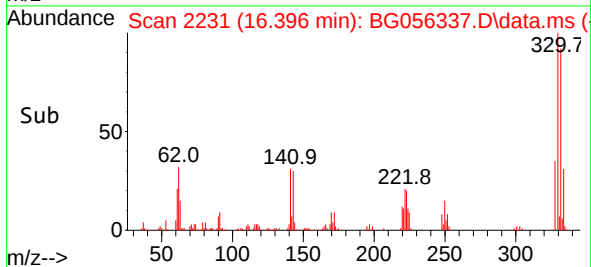
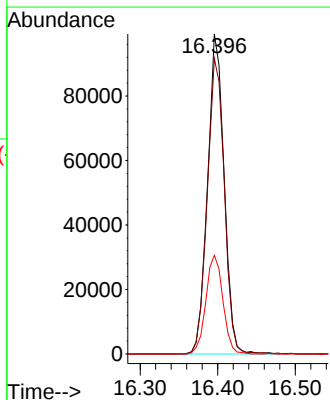
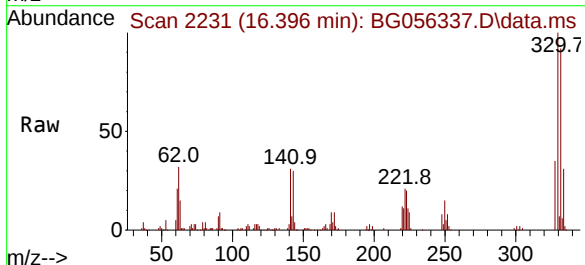
Instrument :
BNA_G
ClientSampleId :
MH-6

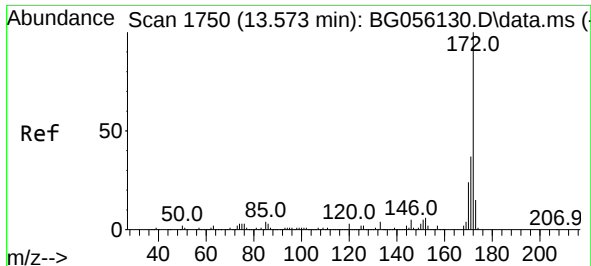
Tgt Ion:164 Resp: 113922
Ion Ratio Lower Upper
164 100
162 106.3 84.7 127.1
160 44.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 102.241 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

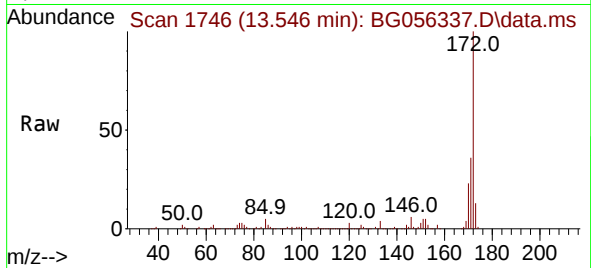
Tgt Ion:330 Resp: 147513
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 31.5 27.9 41.9



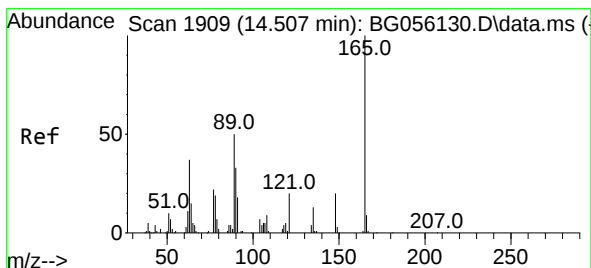
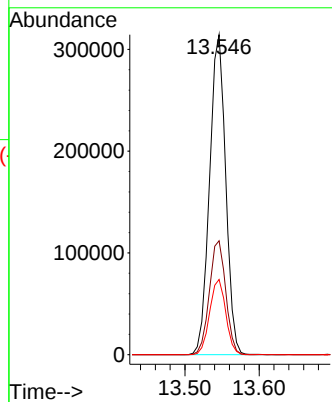
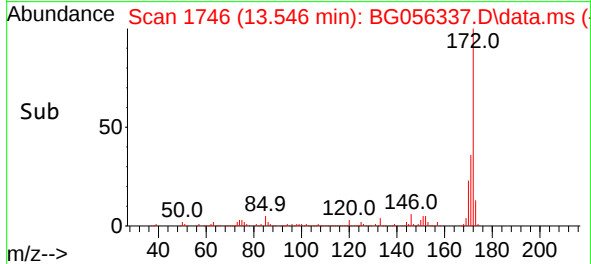


#45
2-Fluorobiphenyl
Concen: 57.571 ng
RT: 13.546 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

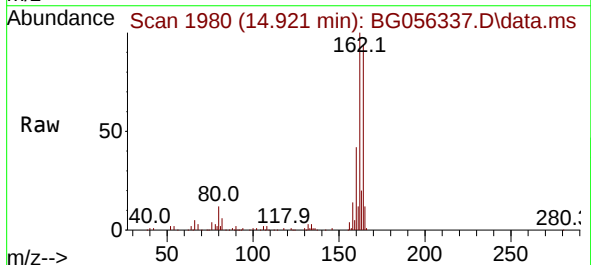
Instrument :
BNA_G
ClientSampleId :
MH-6



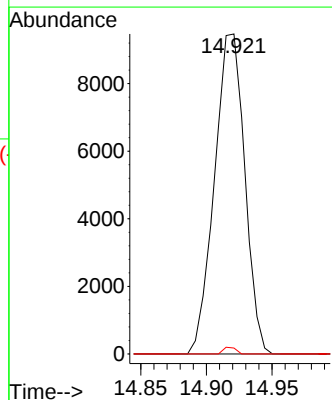
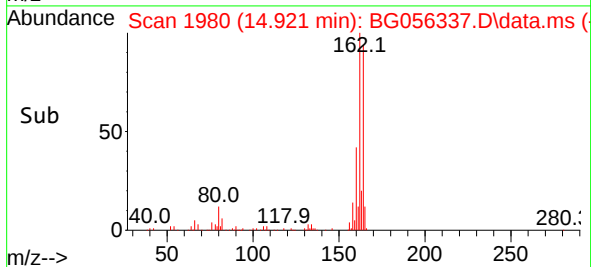
Tgt Ion:172 Resp: 474954
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.5 19.4 29.2

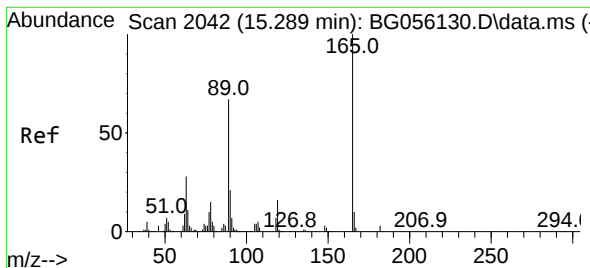


#51
2,6-Dinitrotoluene
Concen: 7.758 ng
RT: 14.921 min Scan# 1980
Delta R.T. 0.434 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51



Tgt Ion:165 Resp: 15203
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.8 39.8 59.8#

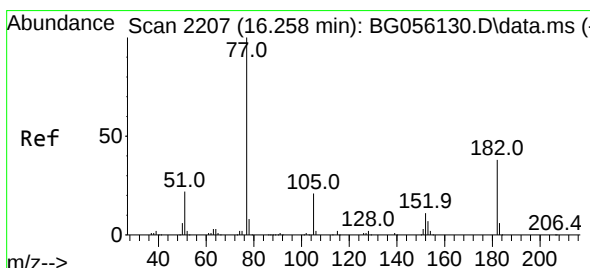
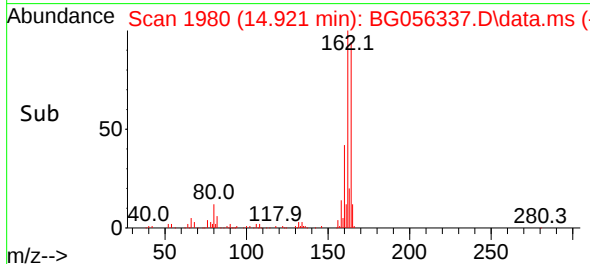
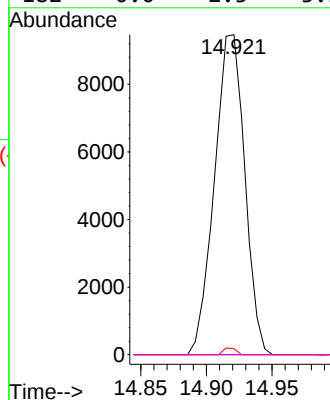
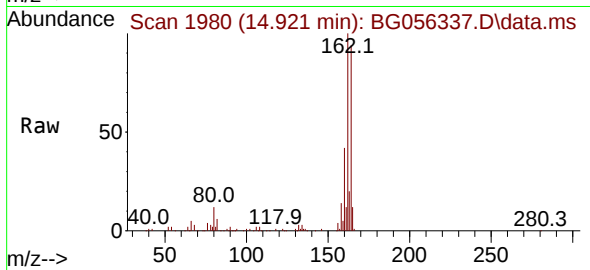




#57
2,4-Dinitrotoluene
Concen: 5.547 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.353 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

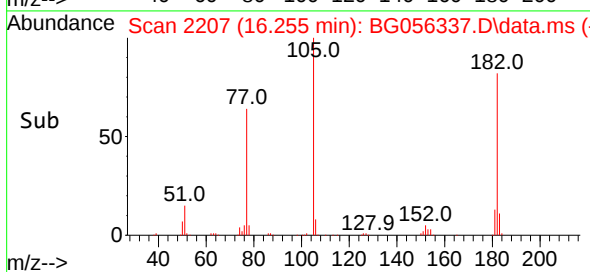
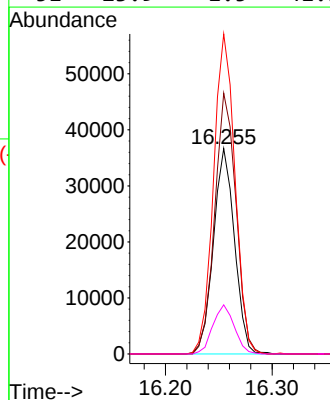
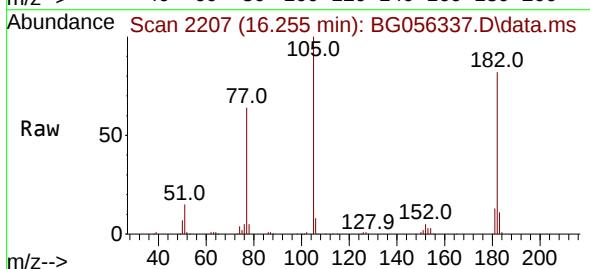
Instrument :
BNA_G
ClientSampleId :
MH-6

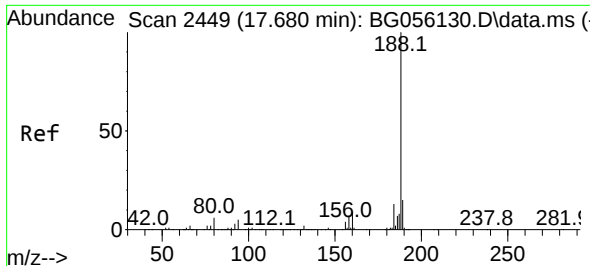
Tgt Ion:	165	Resp:	15203
Ion Ratio	Lower	Upper	
165	100		
63	0.0	22.6	34.0#
89	1.8	53.2	79.8#
182	0.0	2.3	3.5#



#63
Azobenzene
Concen: 7.565 ng
RT: 16.255 min Scan# 2207
Delta R.T. 0.017 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:	77	Resp:	50350
Ion Ratio	Lower	Upper	
77	100		
182	126.9	18.5	58.5#
105	155.7	1.4	41.4#
51	23.9	1.5	41.5

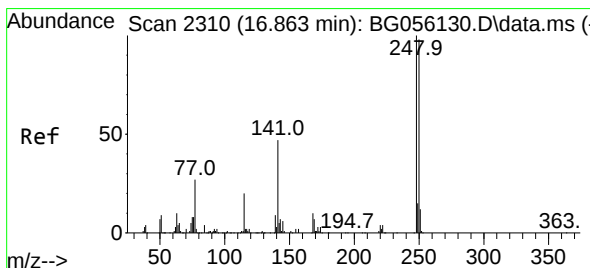
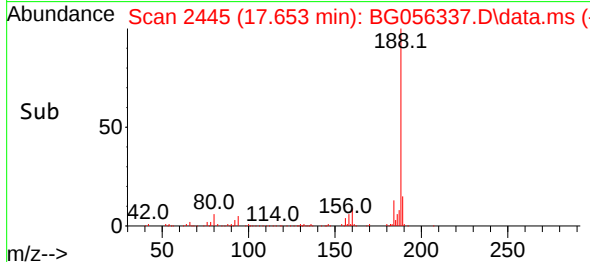
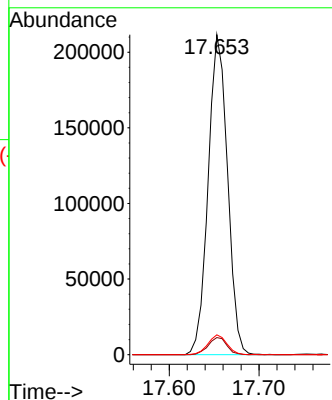
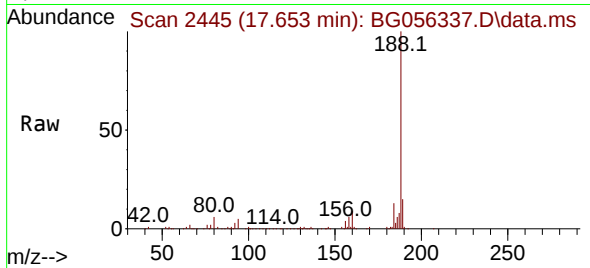




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

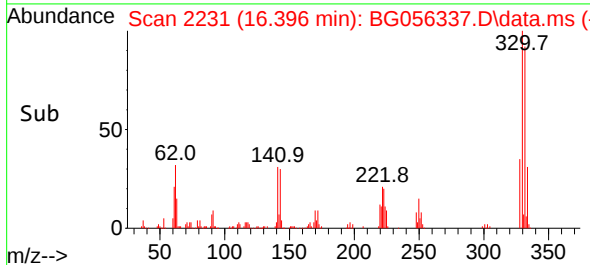
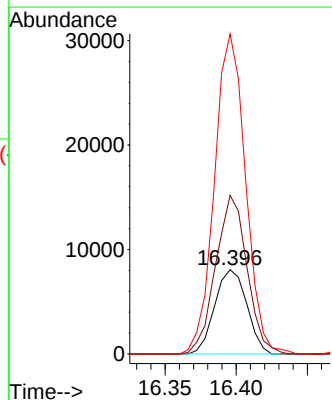
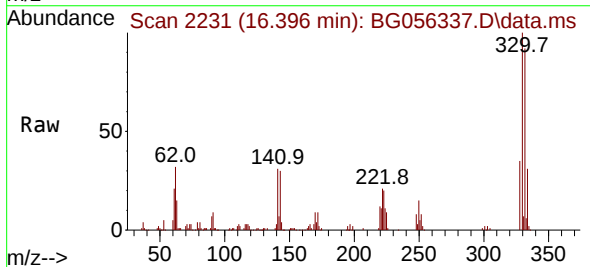
Instrument :
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ClientSampleId :
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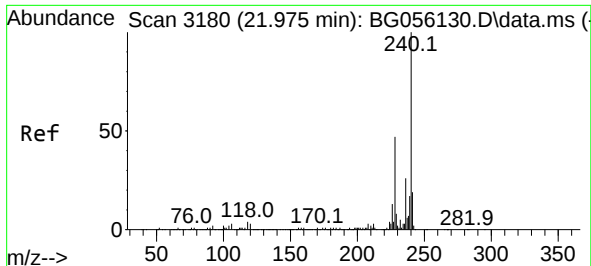
Tgt Ion:188 Resp: 316562
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 6.2 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.131 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.441 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:248 Resp: 12623
Ion Ratio Lower Upper
248 100
250 245.3 78.2 117.4#
141 379.4 37.6 56.4#

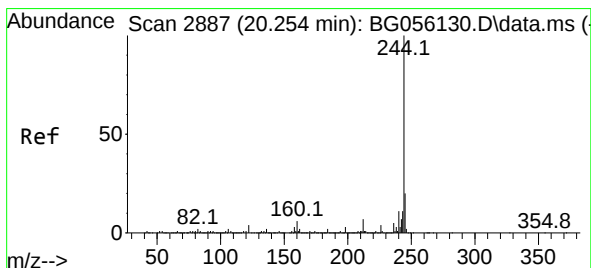
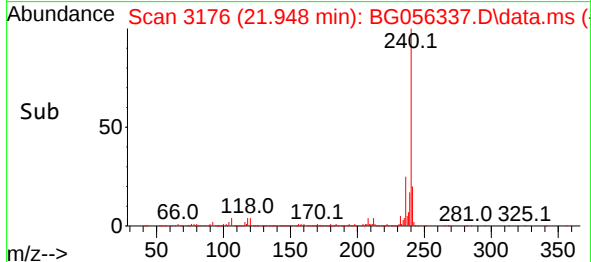
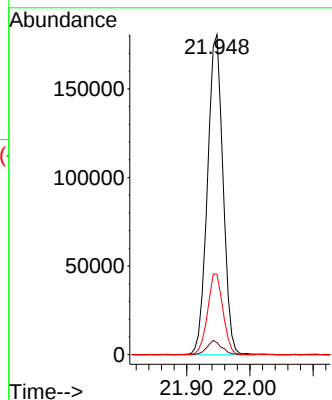
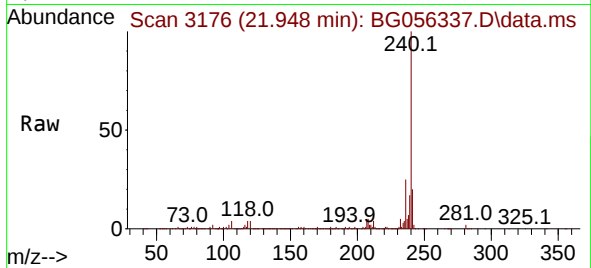




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3180
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

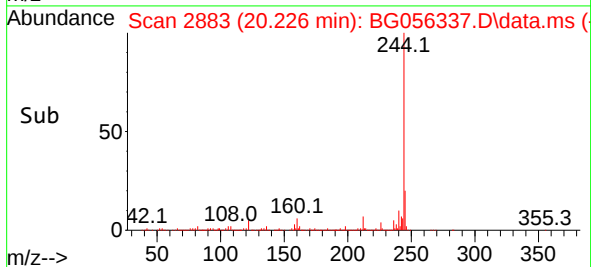
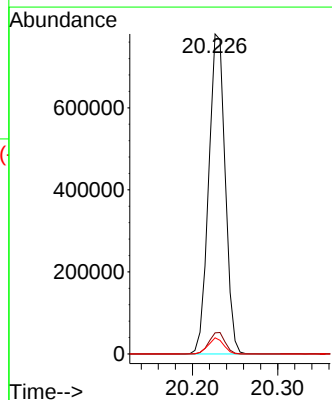
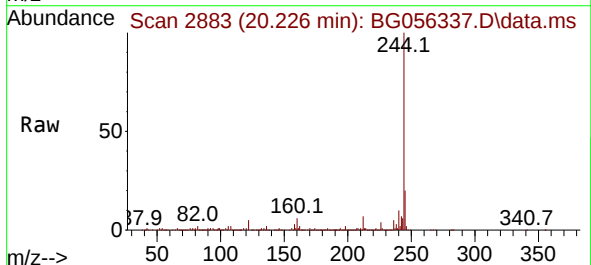
Instrument :
BNA_G
ClientSampleId :
MH-6

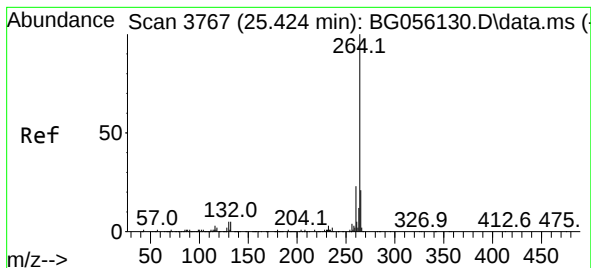
Tgt Ion:240 Resp: 308228
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 60.883 ng
RT: 20.226 min Scan# 2883
Delta R.T. -0.007 min
Lab File: BG056337.D
Acq: 18 Jan 2023 20:51

Tgt Ion:244 Resp: 1047760
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 5.0 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.385 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG056337.D

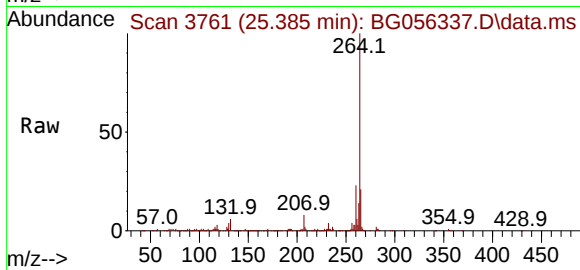
Acq: 18 Jan 2023 20:51

Instrument :

BNA_G

ClientSampleId :

MH-6



Tgt Ion:264 Resp: 329732

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 20.9 16.7 25.1

