

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056340.D
 Acq On : 18 Jan 2023 22:54
 Operator : CG/JU
 Sample : 01180-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-7

Quant Time: Jan 19 00:35:01 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)

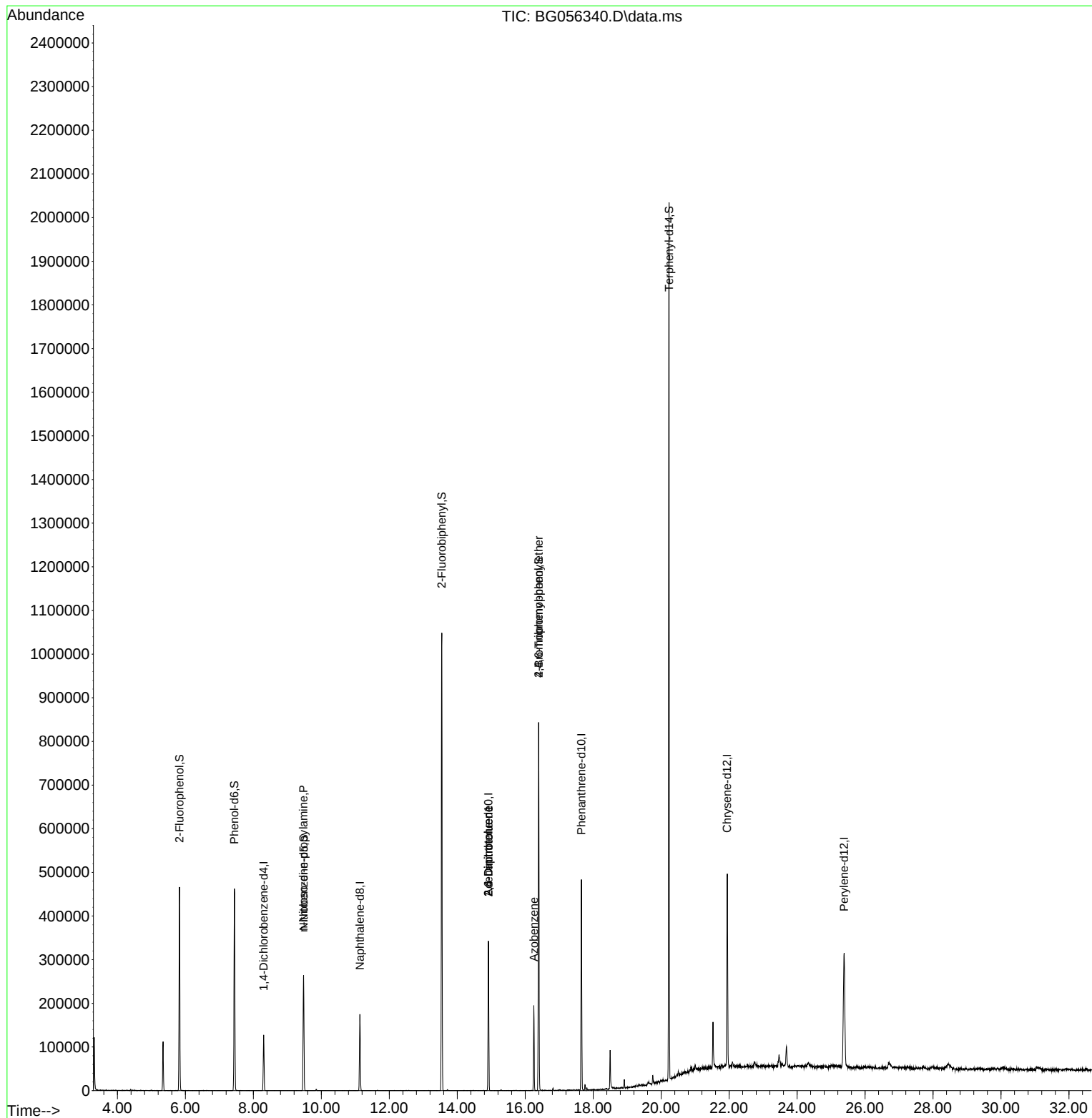
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	41892	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	160452	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	128928	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	331609	20.000	ng	0.00
76) Chrysene-d12	21.942	240	305001	20.000	ng	-0.01
86) Perylene-d12	25.380	264	327030	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	257268	109.651	ng	0.00
7) Phenol-d6	7.442	99	364946	101.285	ng	0.00
23) Nitrobenzene-d5	9.481	82	194899	62.133	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	173131	106.030	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	612282	65.579	ng	0.00
79) Terphenyl-d14	20.233	244	1121818	65.876	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.475	70	24655	11.253	ng	# 71
51) 2,6-Dinitrotoluene	14.915	165	16598	7.484	ng	# 31
57) 2,4-Dinitrotoluene	14.915	165	16598	5.352	ng	# 28
63) Azobenzene	16.255	77	49529	6.576	ng	# 1
67) 4-Bromophenyl-phenylether	16.396	248	14035	3.324	ng	# 1

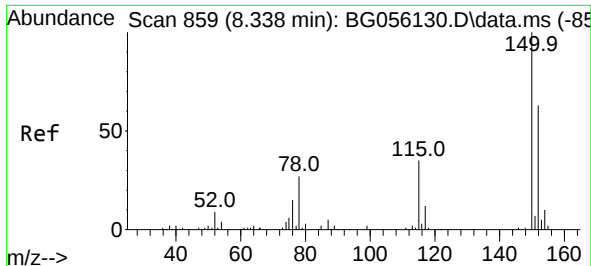
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
Data File : BG056340.D
Acq On : 18 Jan 2023 22:54
Operator : CG/JU
Sample : 01180-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-7

Quant Time: Jan 19 00:35:01 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

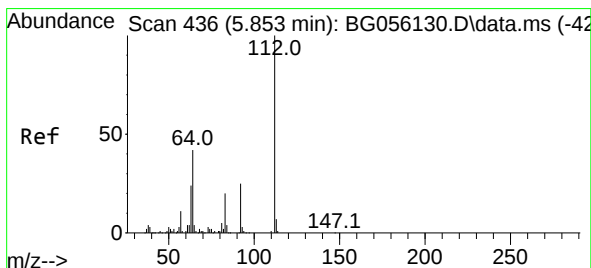
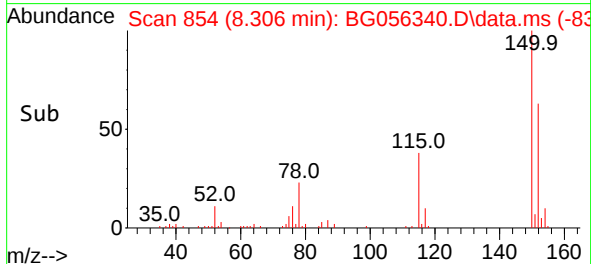
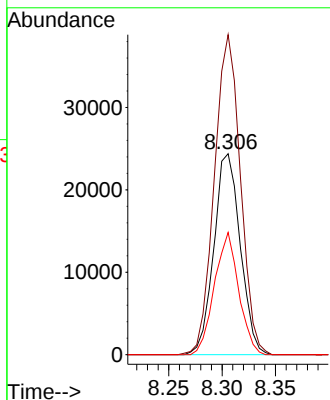
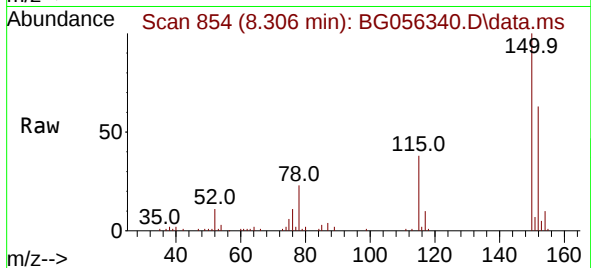




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

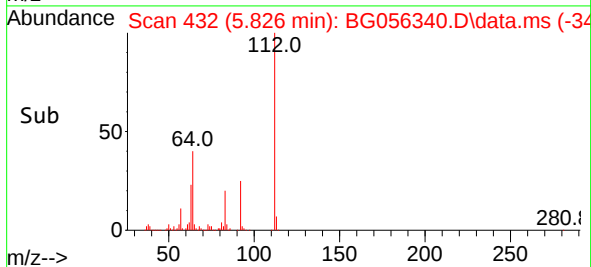
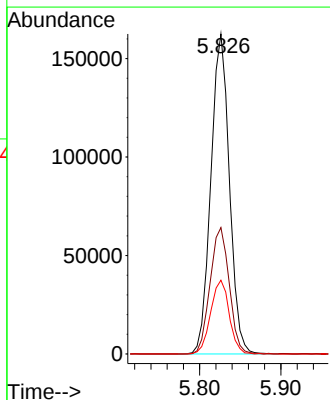
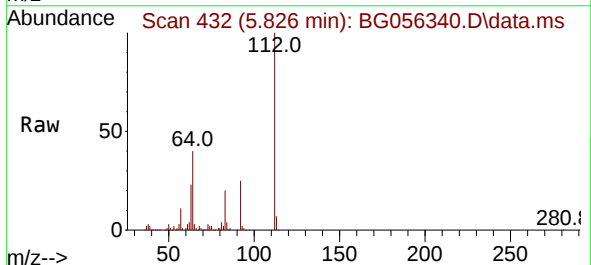
Instrument :
BNA_G
ClientSampleId :
MH-7

Tgt Ion:152 Resp: 41892
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 60.9 44.2 66.2



#5
2-Fluorophenol
Concen: 109.651 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion:112 Resp: 257268
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 23.1 19.0 28.4

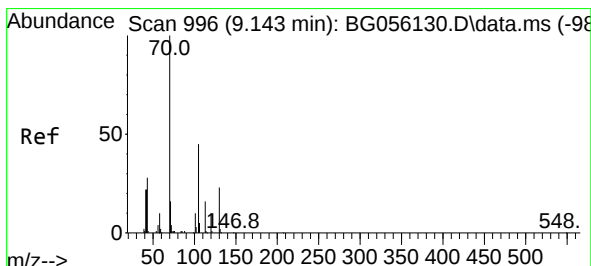
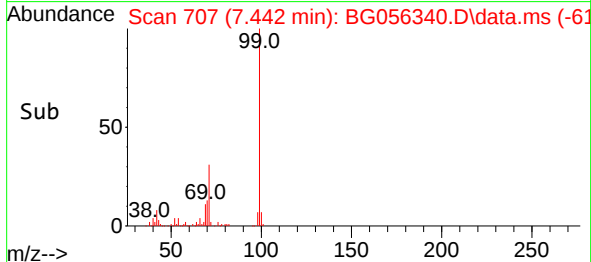
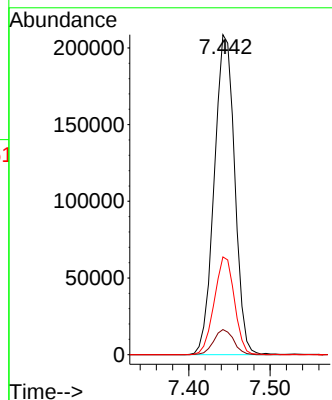
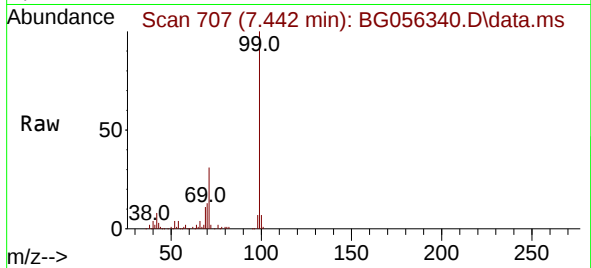




#7
Phenol-d6
Concen: 101.285 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

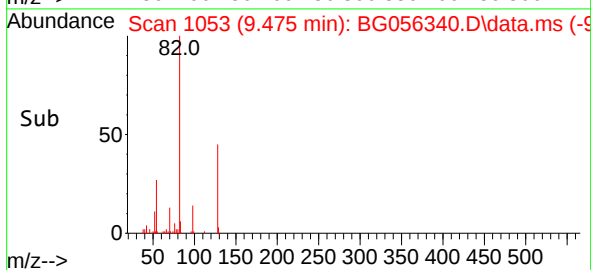
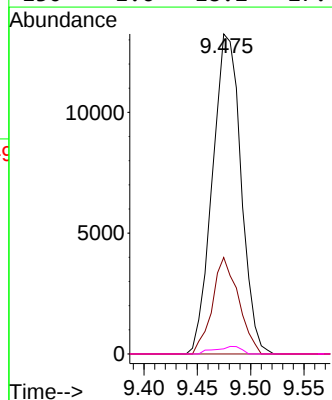
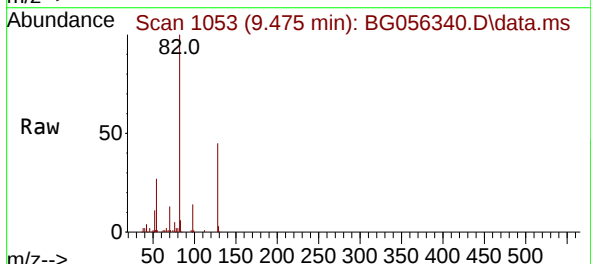
Instrument :
BNA_G
ClientSampleId :
MH-7

Tgt Ion: 99 Resp: 364946
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.253 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion: 70 Resp: 24655
Ion Ratio Lower Upper
70 100
42 30.1 18.2 27.2#
101 0.0 8.3 12.5#
130 1.6 18.2 27.4#

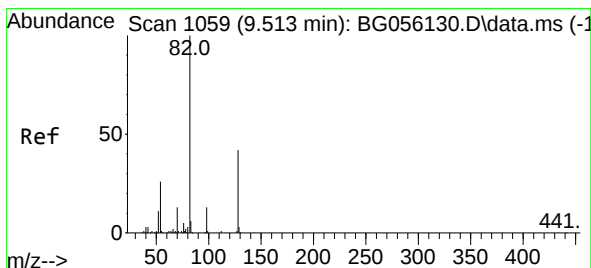
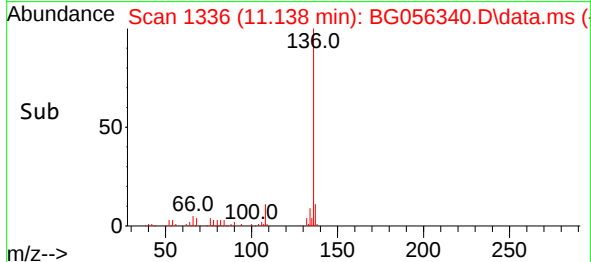
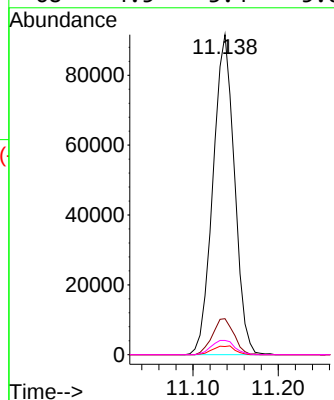
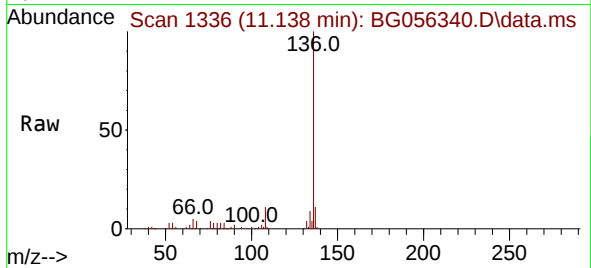




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

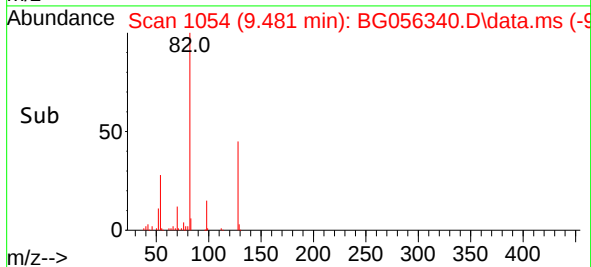
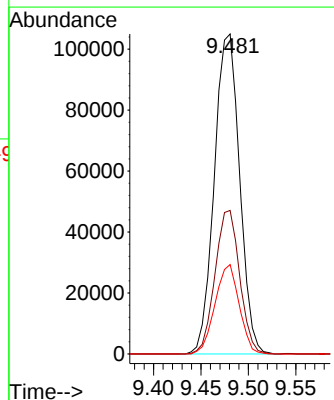
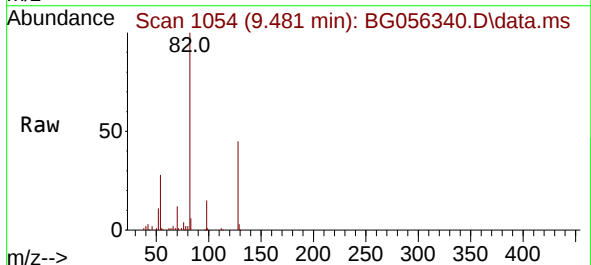
Instrument :
BNA_G
ClientSampleId :
MH-7

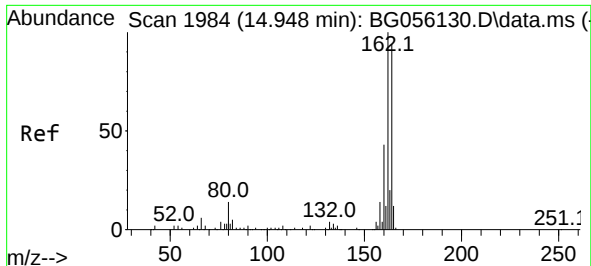
Tgt Ion:	136	Resp:	160452
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.0
54	2.5	2.2	3.2
68	4.5	3.4	5.0



#23
Nitrobenzene-d5
Concen: 62.133 ng
RT: 9.481 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion:	82	Resp:	194899
Ion Ratio	Lower	Upper	
82	100		
128	44.9	33.4	50.2
54	27.9	20.3	30.5

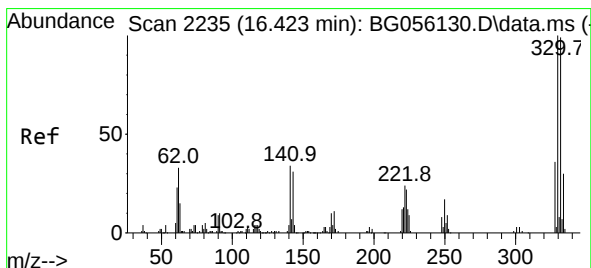
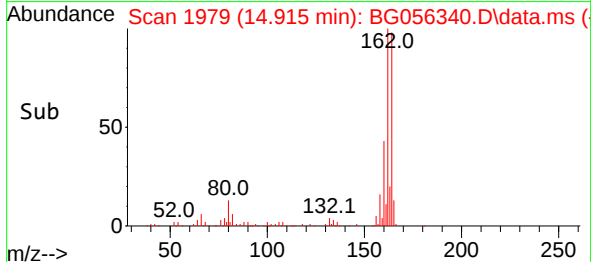
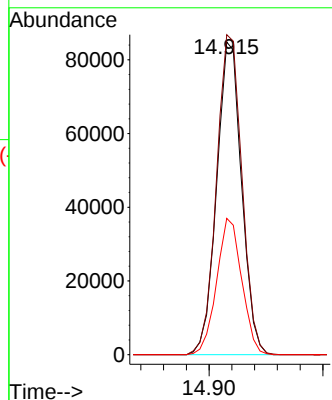
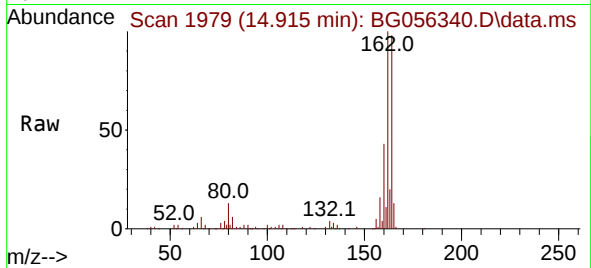




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

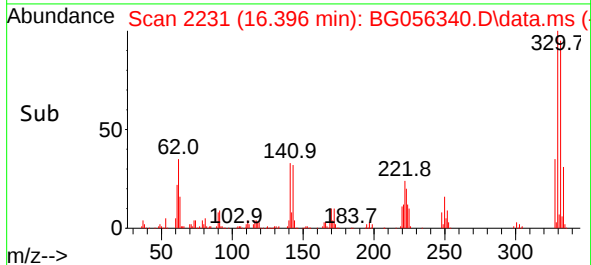
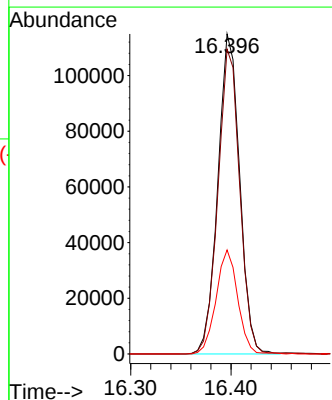
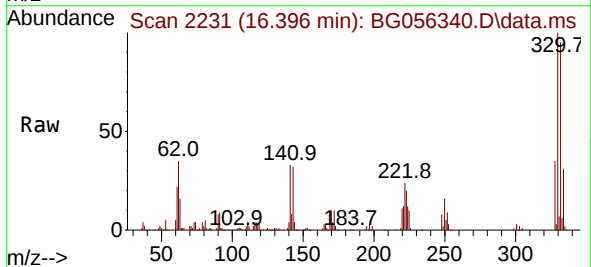
Instrument :
BNA_G
ClientSampleId :
MH-7

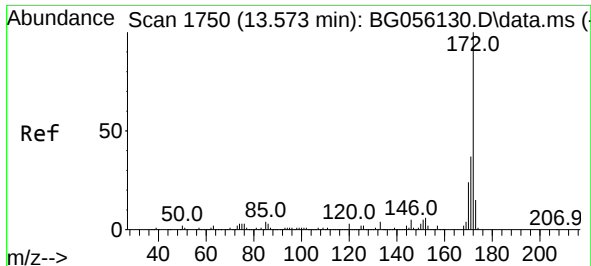
Tgt Ion:164 Resp: 128928
Ion Ratio Lower Upper
164 100
162 102.4 84.7 127.1
160 43.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 106.030 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion:330 Resp: 173131
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 32.3 27.9 41.9

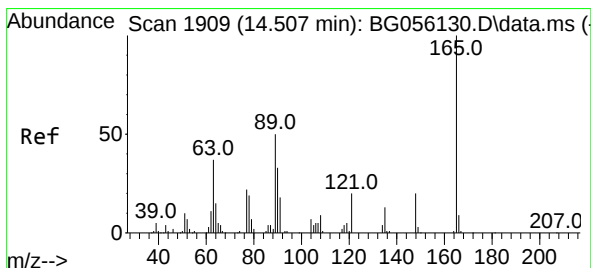
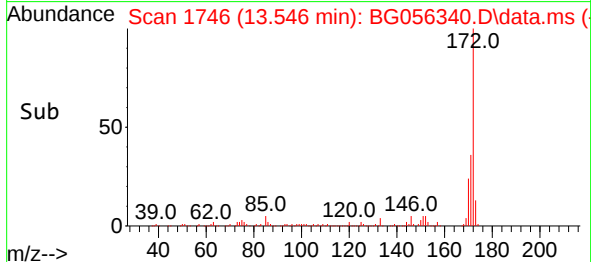
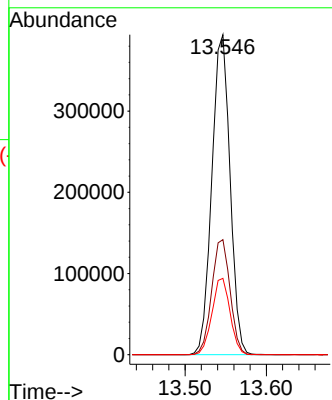
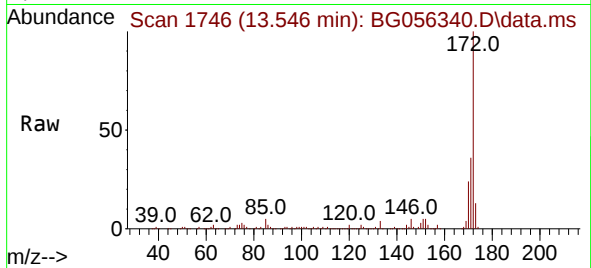




#45
2-Fluorobiphenyl
Concen: 65.579 ng
RT: 13.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

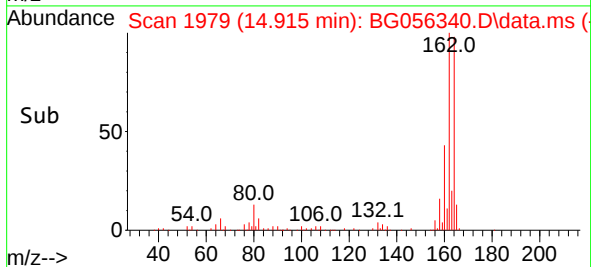
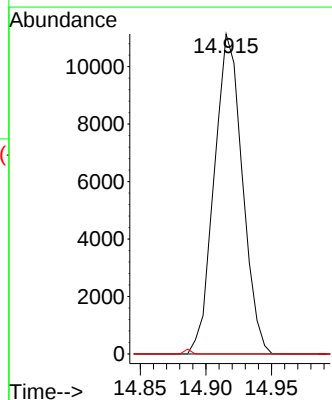
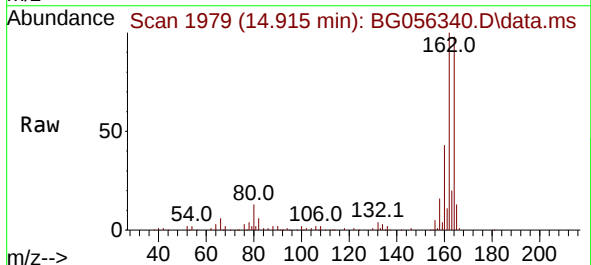
Instrument :
BNA_G
ClientSampleId :
MH-7

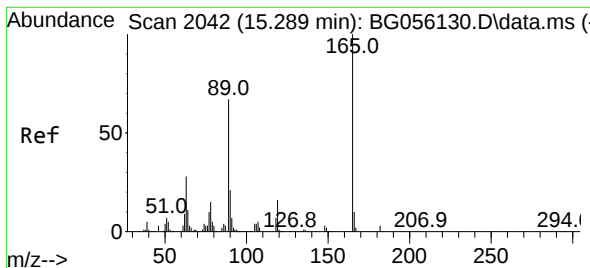
Tgt Ion:172 Resp: 612282
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.484 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.429 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion:165 Resp: 16598
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.352 ng

RT: 14.915 min Scan# 1979

Delta R.T. -0.359 min

Lab File: BG056340.D

Acq: 18 Jan 2023 22:54

Instrument :

BNA_G

ClientSampleId :

MH-7

Tgt Ion:165 Resp: 16598

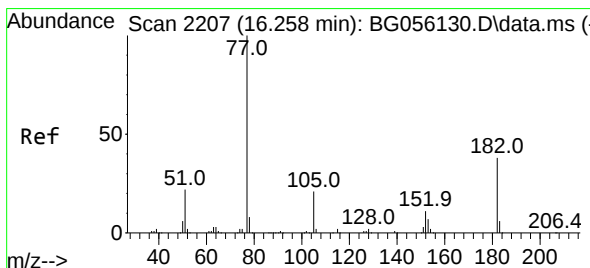
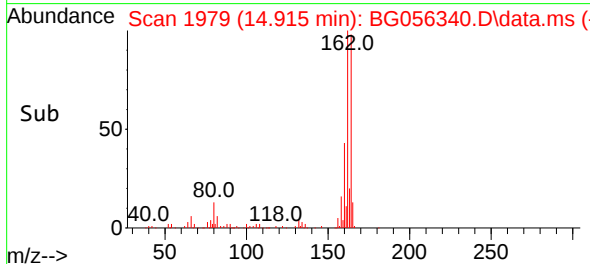
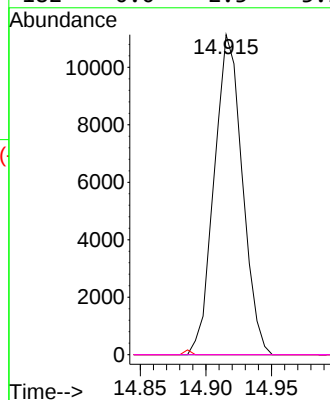
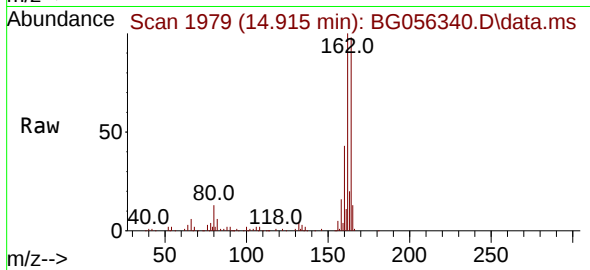
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#63

Azobenzene

Concen: 6.576 ng

RT: 16.255 min Scan# 2207

Delta R.T. 0.017 min

Lab File: BG056340.D

Acq: 18 Jan 2023 22:54

Tgt Ion: 77 Resp: 49529

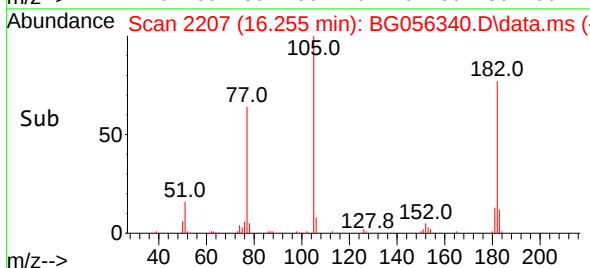
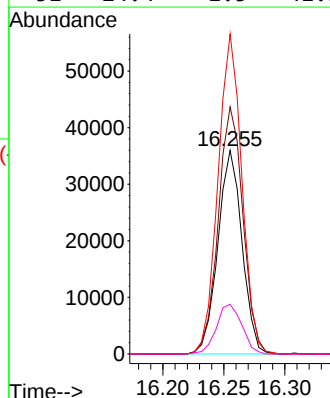
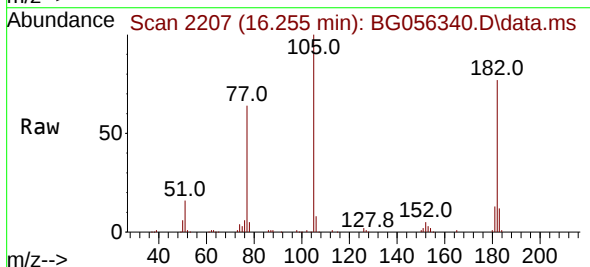
Ion Ratio Lower Upper

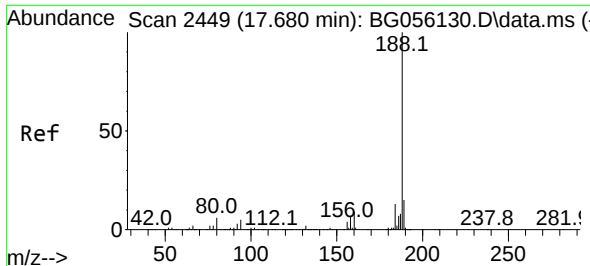
77 100

182 121.4 18.5 58.5#

105 157.3 1.4 41.4#

51 24.4 1.5 41.5

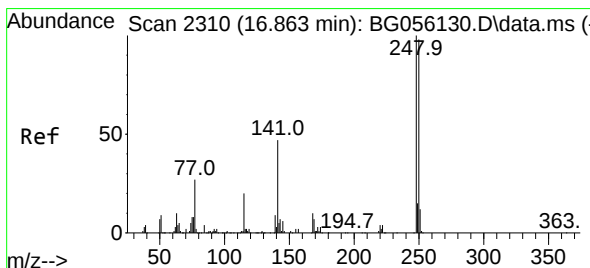
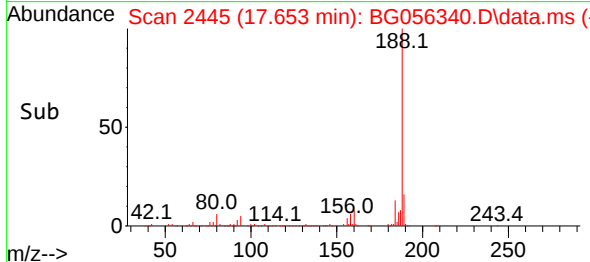
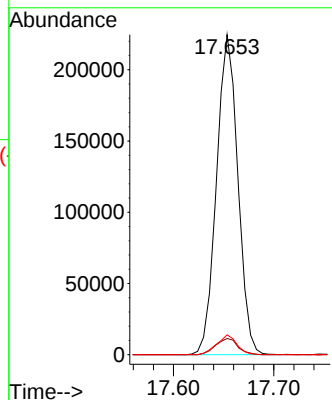
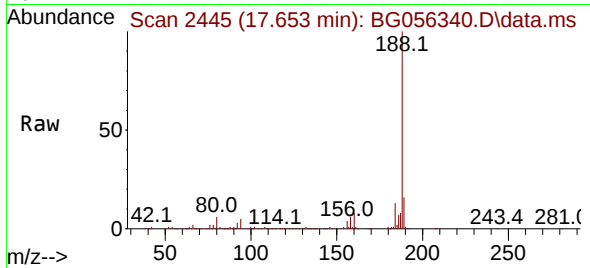




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

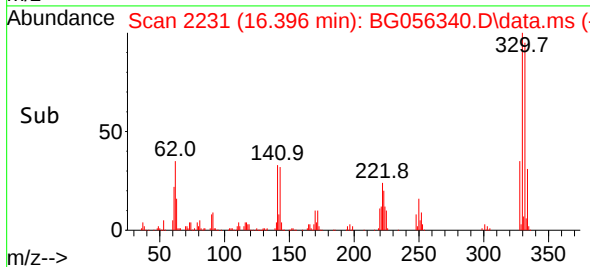
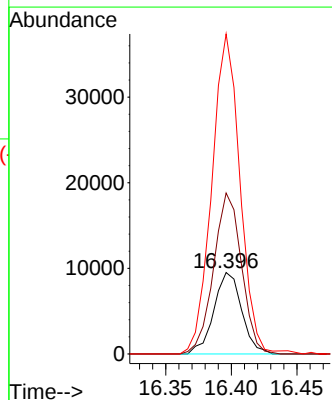
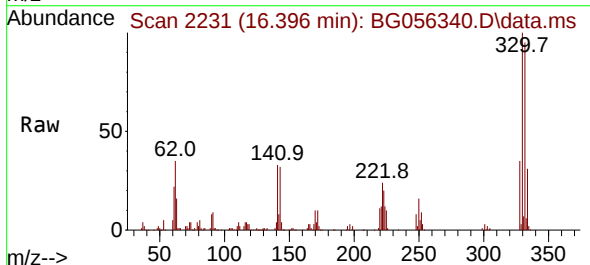
Instrument :
BNA_G
ClientSampleId :
MH-7

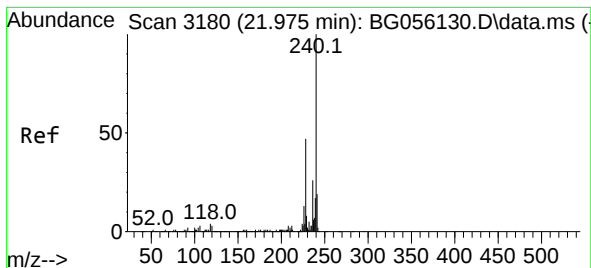
Tgt Ion:188 Resp: 331609
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 6.2 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.324 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.441 min
Lab File: BG056340.D
Acq: 18 Jan 2023 22:54

Tgt Ion:248 Resp: 14035
Ion Ratio Lower Upper
248 100
250 197.5 78.2 117.4#
141 392.6 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.942 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG056340.D

Acq: 18 Jan 2023 22:54

Instrument :

BNA_G

ClientSampleId :

MH-7

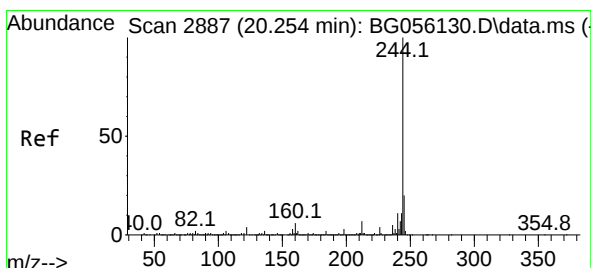
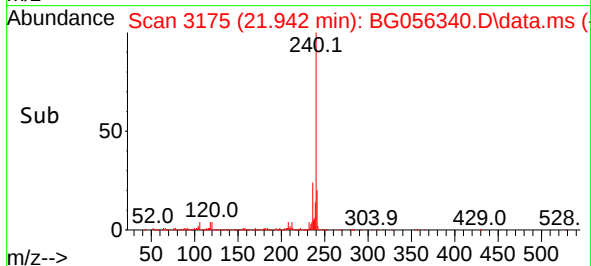
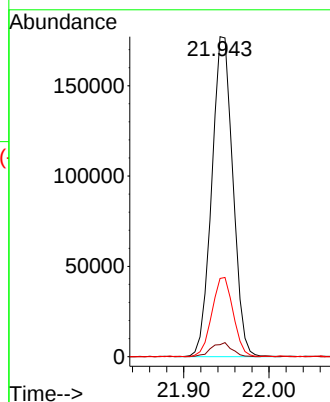
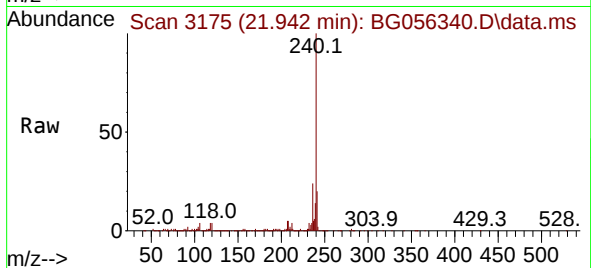
Tgt Ion:240 Resp: 305001

Ion Ratio Lower Upper

240 100

120 3.7 2.6 4.0

236 24.4 20.8 31.2



#79

Terphenyl-d14

Concen: 65.876 ng

RT: 20.233 min Scan# 2884

Delta R.T. -0.000 min

Lab File: BG056340.D

Acq: 18 Jan 2023 22:54

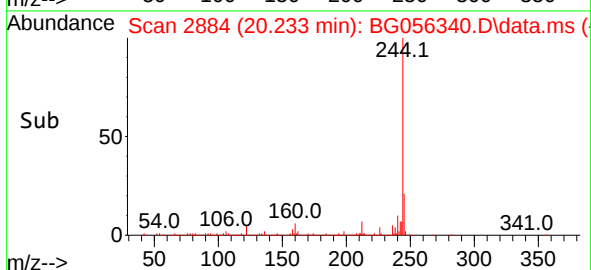
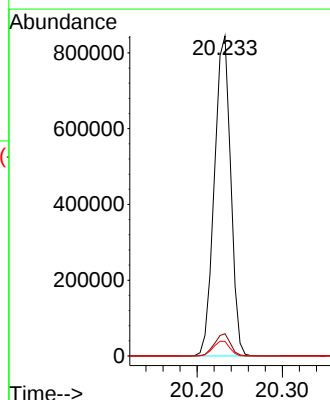
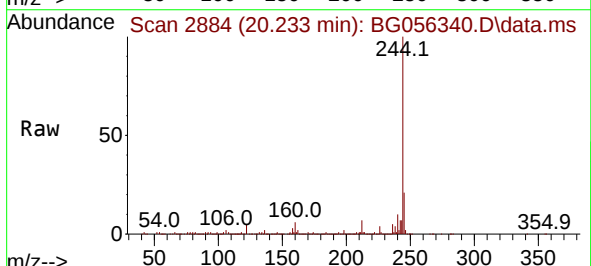
Tgt Ion:244 Resp: 1121818

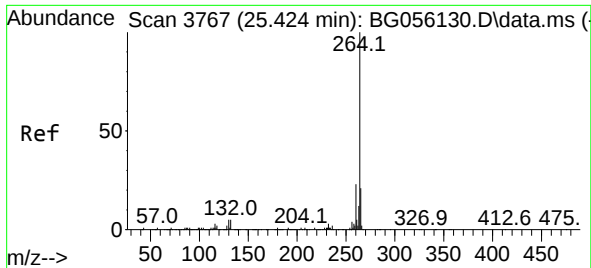
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

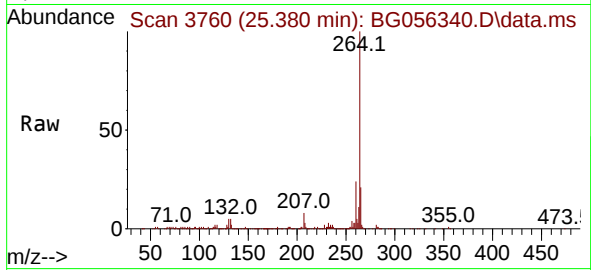
122 4.6 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.380 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG056340.D
 Acq: 18 Jan 2023 22:54

Instrument :
 BNA_G
 ClientSampleId :
 MH-7



Tgt Ion:264 Resp: 327030

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.5	16.7	25.1

