

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
 Data File : BG056197.D
 Acq On : 3 Jan 2023 22:29
 Operator : CG/JU
 Sample : N6243-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Jan 04 02:16:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 02:08:15 2023
 Response via : Initial Calibration

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

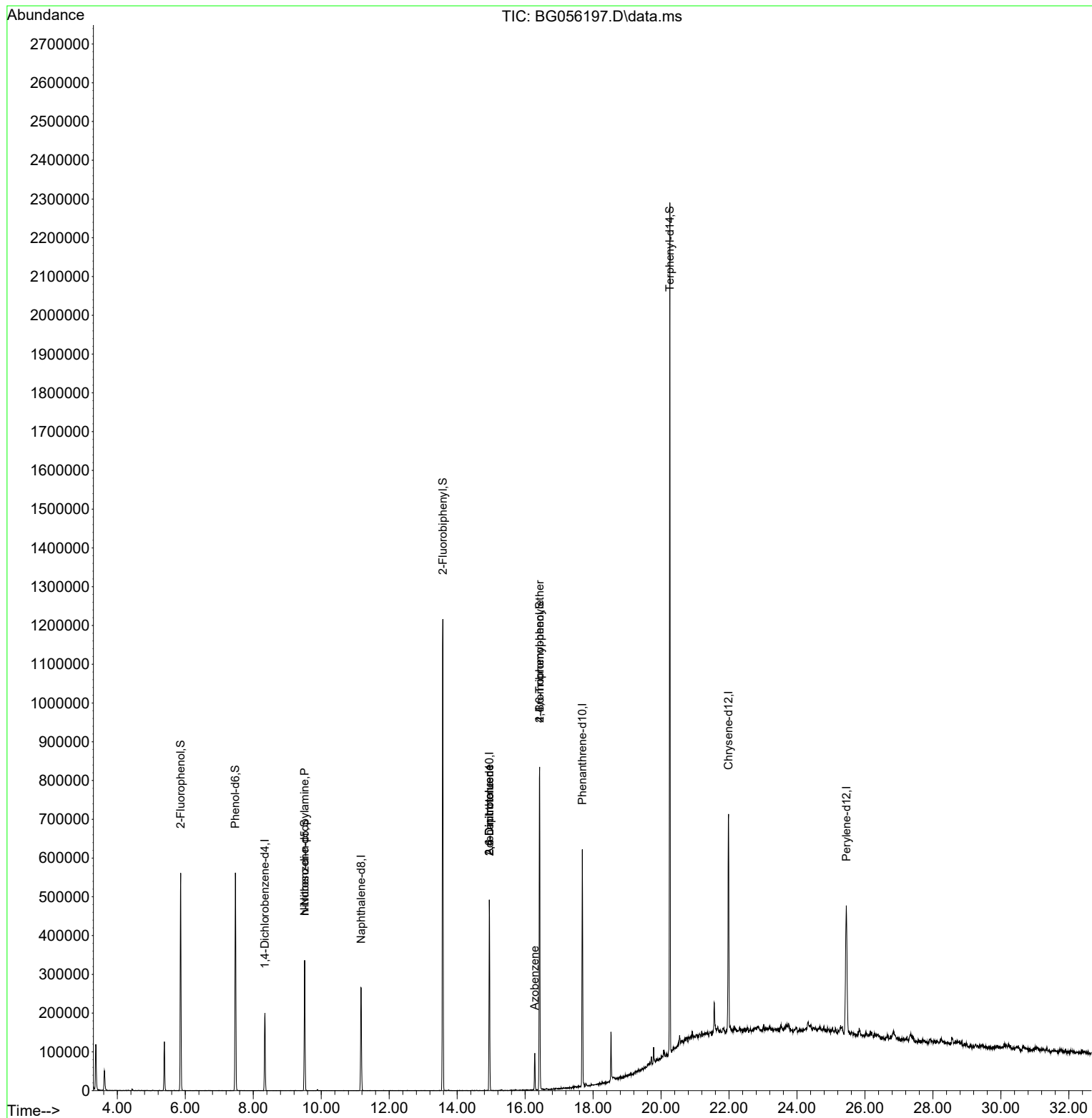
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	65753	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	252152	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	185533	20.000	ng	0.00
64) Phenanthrene-d10	17.685	188	432994	20.000	ng	0.00
76) Chrysene-d12	21.985	240	390713	20.000	ng	0.00
86) Perylene-d12	25.452	264	421118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	316476	85.938	ng	0.02
7) Phenol-d6	7.473	99	443074	78.345	ng	0.00
23) Nitrobenzene-d5	9.512	82	235997	47.874	ng	0.00
42) 2,4,6-Tribromophenol	16.427	330	172921	73.591	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	714710	53.195	ng	0.00
79) Terphenyl-d14	20.258	244	1156601	53.019	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.512	70	29117	8.467	ng	# 70
51) 2,6-Dinitrotoluene	14.947	165	23896	7.488	ng	# 33
57) 2,4-Dinitrotoluene	14.947	165	23896	5.354	ng	# 29
63) Azobenzene	16.280	77	24067	2.220	ng	# 1
67) 4-Bromophenyl-phenylether	16.427	248	15038	2.727	ng	# 1

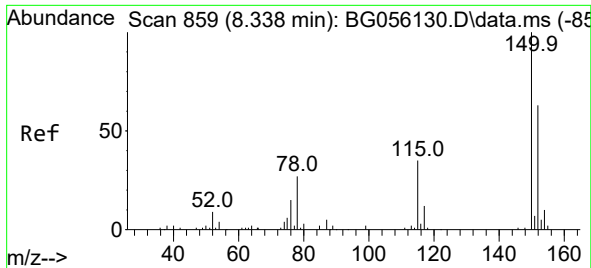
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 02:08:15 2023
Response via : Initial Calibration

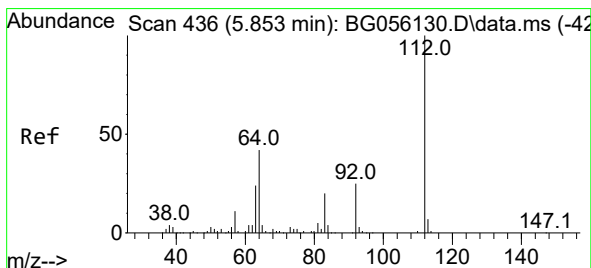
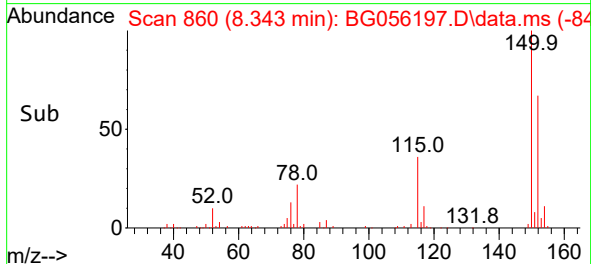
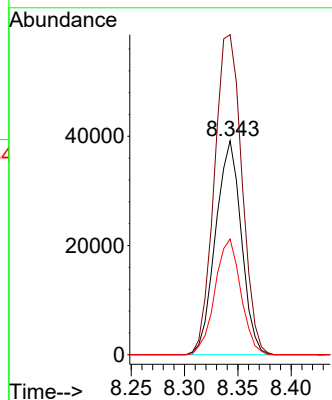
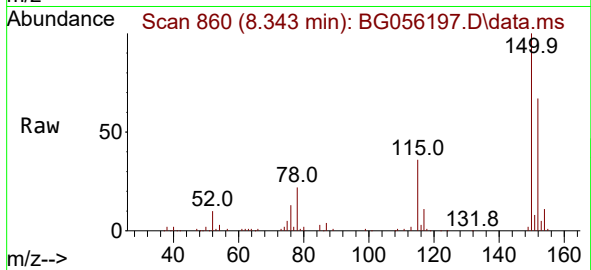




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

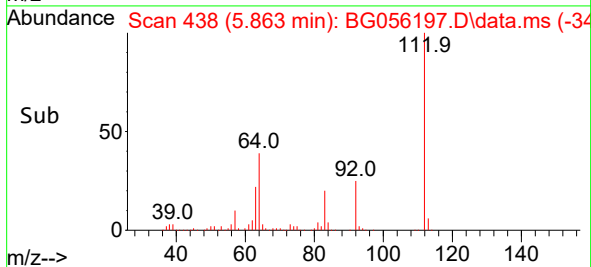
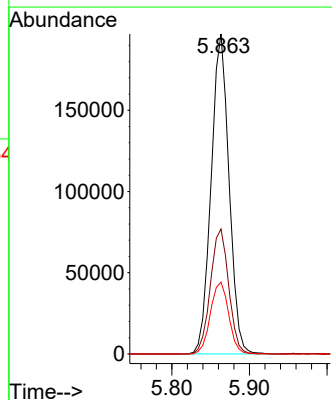
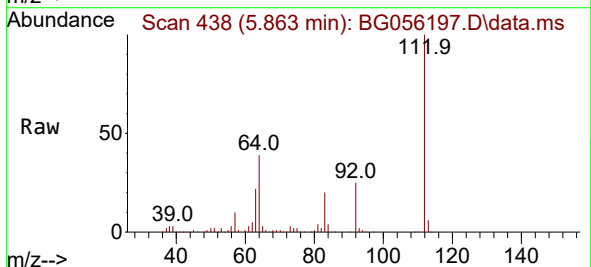
Instrument :
BNA_G
ClientSampleId :
PE-1

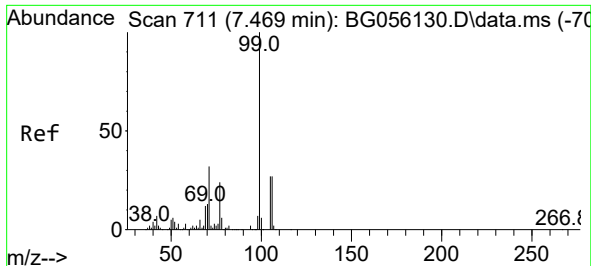
Tgt Ion:152 Resp: 65753
Ion Ratio Lower Upper
152 100
150 149.6 127.9 191.9
115 54.1 44.2 66.2



#5
2-Fluorophenol
Concen: 85.938 ng
RT: 5.863 min Scan# 438
Delta R.T. 0.016 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

Tgt Ion:112 Resp: 316476
Ion Ratio Lower Upper
112 100
64 39.1 33.3 49.9
63 22.5 19.0 28.4

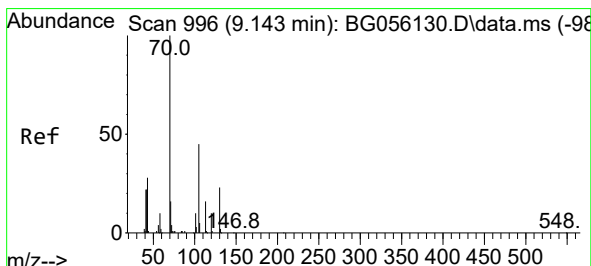
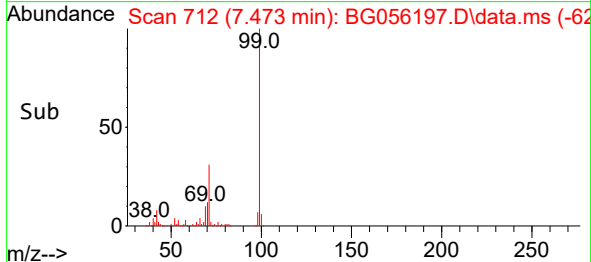
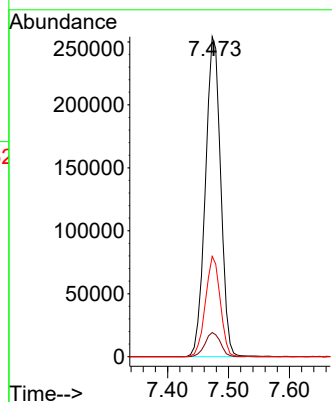
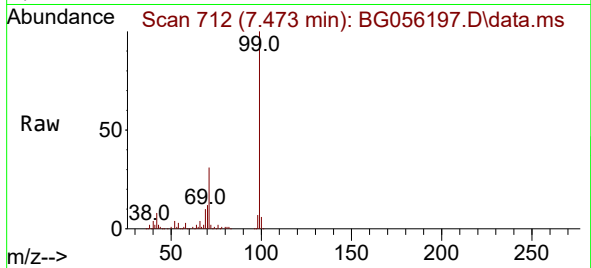




#7
Phenol-d6
Concen: 78.345 ng
RT: 7.473 min Scan# 711
Delta R.T. 0.004 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

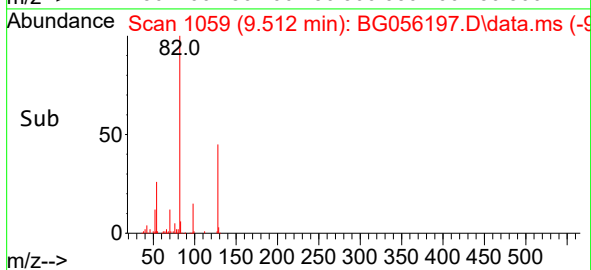
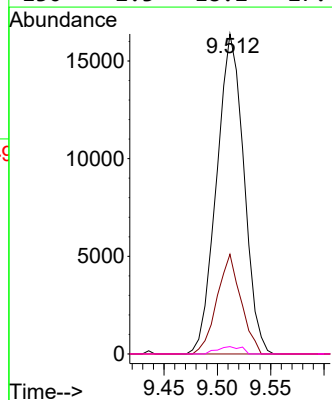
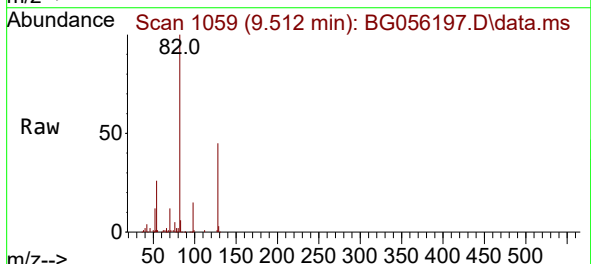
Instrument :
BNA_G
ClientSampleId :
PE-1

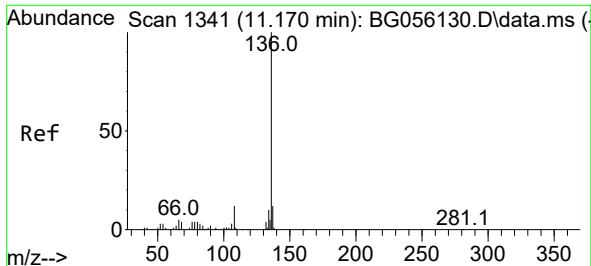
Tgt Ion: 99 Resp: 443074
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 31.4 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.467 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.375 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

Tgt Ion: 70 Resp: 29117
Ion Ratio Lower Upper
70 100
42 31.2 18.2 27.2#
101 0.0 8.3 12.5#
130 2.3 18.2 27.4#

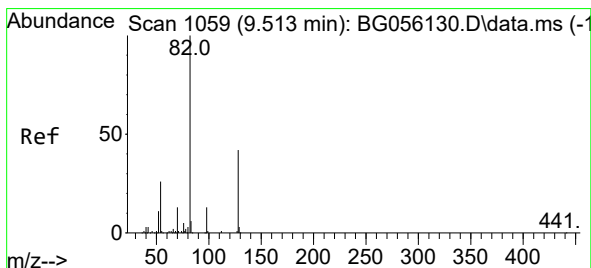
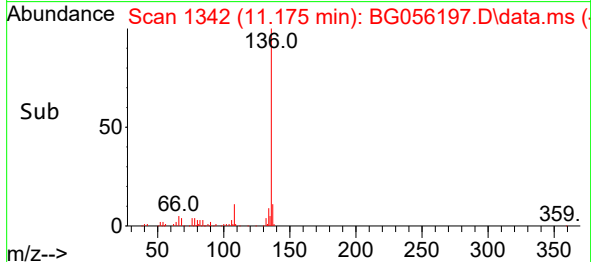
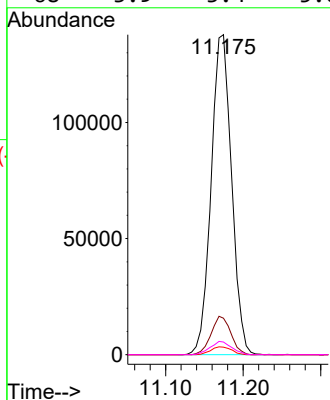
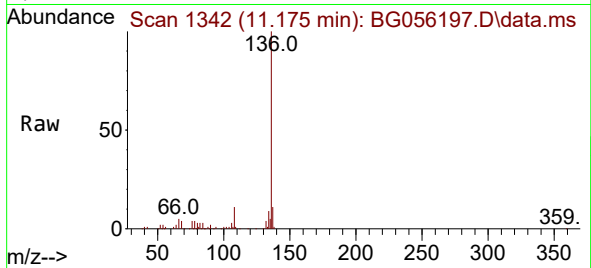




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

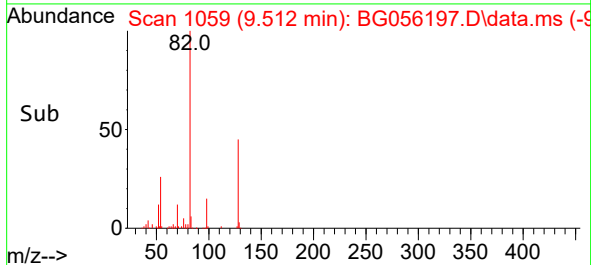
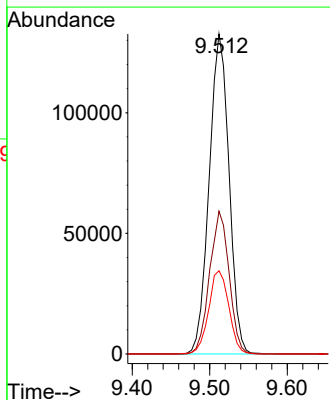
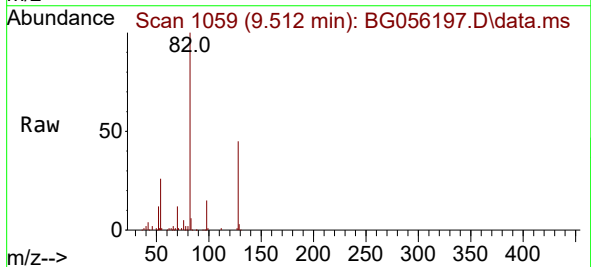
Instrument :
BNA_G
ClientSampleId :
PE-1

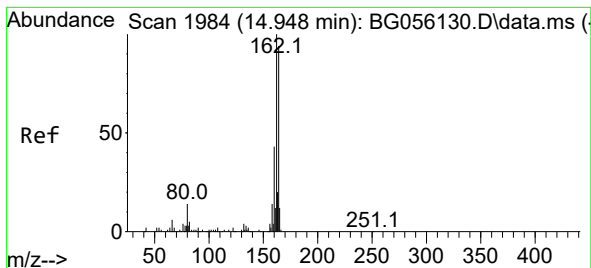
Tgt Ion:	136	Resp:	252152
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.4	14.0
54	2.4	2.2	3.2
68	3.9	3.4	5.0



#23
Nitrobenzene-d5
Concen: 47.874 ng
RT: 9.512 min Scan# 1059
Delta R.T. 0.004 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

Tgt Ion:	82	Resp:	235997
Ion Ratio	Lower	Upper	
82	100		
128	44.6	33.4	50.2
54	26.0	20.3	30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.947 min Scan# 1984

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

BNA_G

ClientSampleId :

PE-1

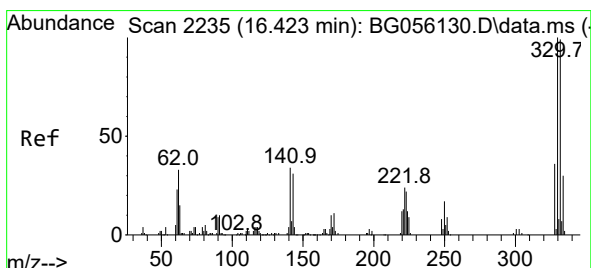
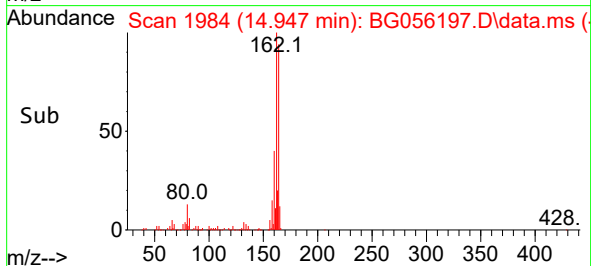
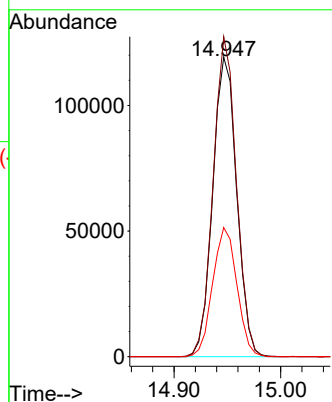
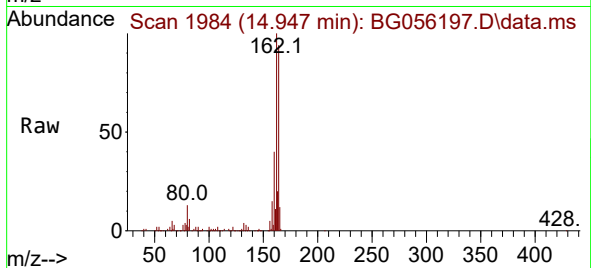
Tgt Ion:164 Resp: 185533

Ion Ratio Lower Upper

164 100

162 106.8 84.7 127.1

160 43.1 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 73.591 ng

RT: 16.427 min Scan# 2236

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

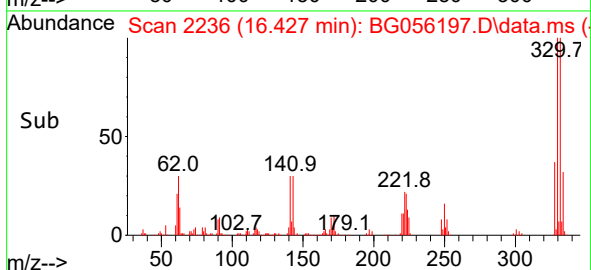
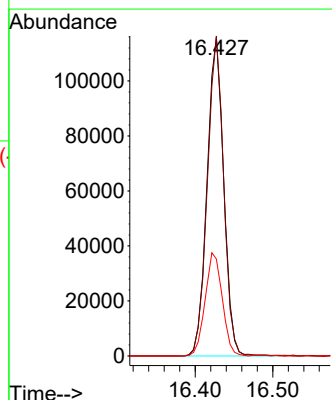
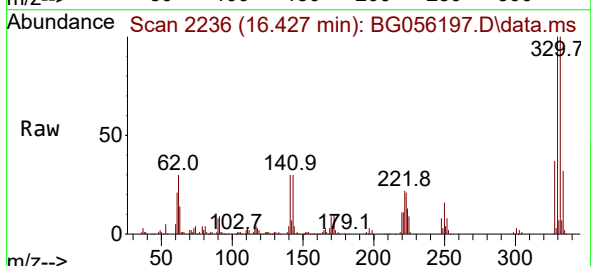
Tgt Ion:330 Resp: 172921

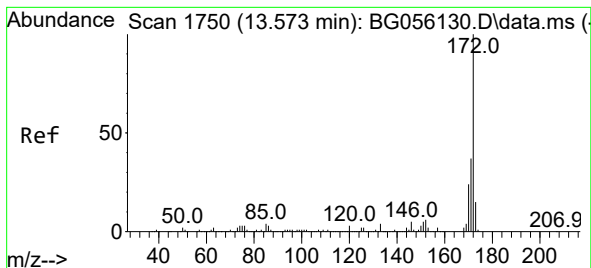
Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

141 33.2 27.9 41.9

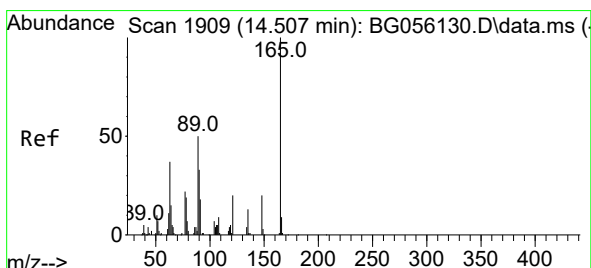
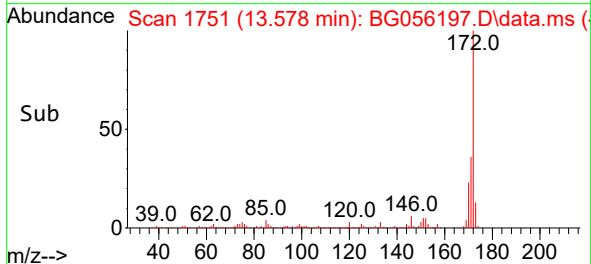
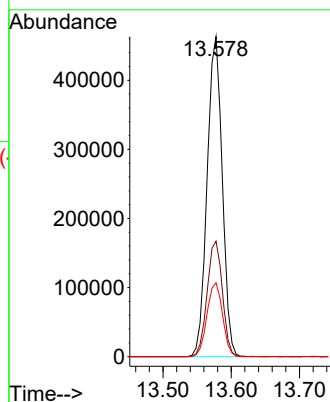
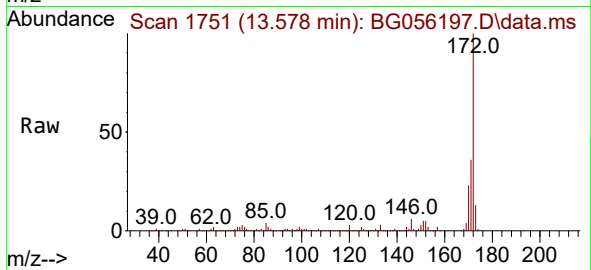




#45
2-Fluorobiphenyl
Concen: 53.195 ng
RT: 13.578 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

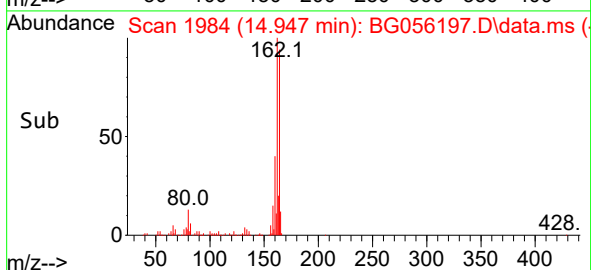
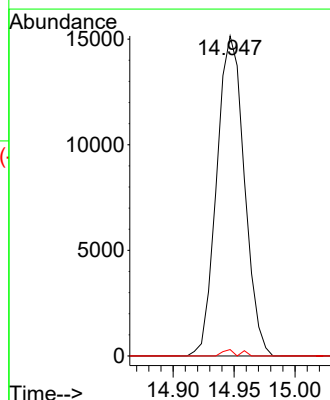
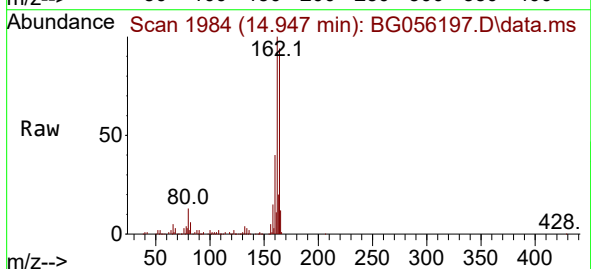
Instrument :
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ClientSampleId :
PE-1

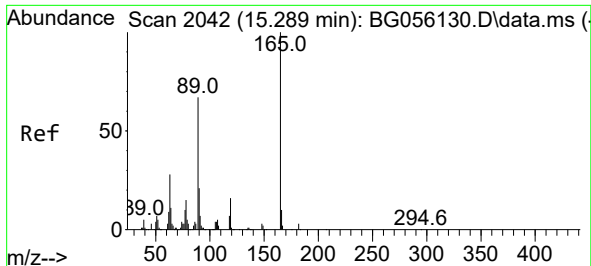
Tgt Ion:172 Resp: 714710
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.1 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.488 ng
RT: 14.947 min Scan# 1984
Delta R.T. 0.433 min
Lab File: BG056197.D
Acq: 3 Jan 2023 22:29

Tgt Ion:165 Resp: 23896
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.354 ng

RT: 14.947 min Scan# 1984

Delta R.T. -0.348 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

BNA_G

ClientSampleId :

PE-1

Tgt Ion:165 Resp: 23896

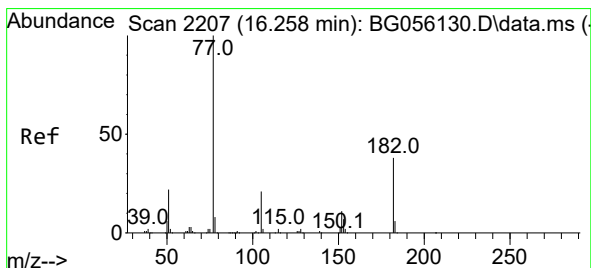
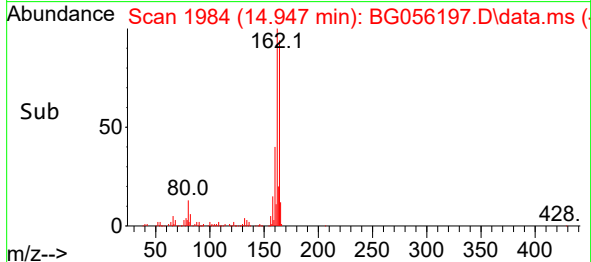
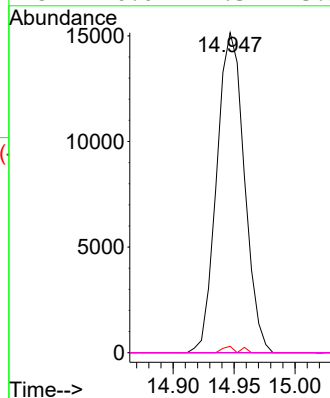
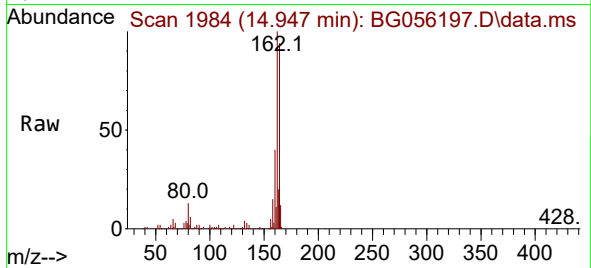
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 2.0 53.2 79.8#

182 0.0 2.3 3.5#



#63

Azobenzene

Concen: 2.220 ng

RT: 16.280 min Scan# 2211

Delta R.T. 0.016 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Tgt Ion: 77 Resp: 24067

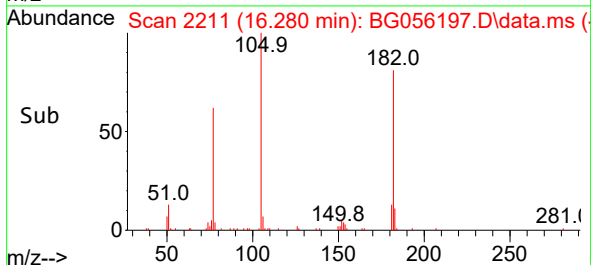
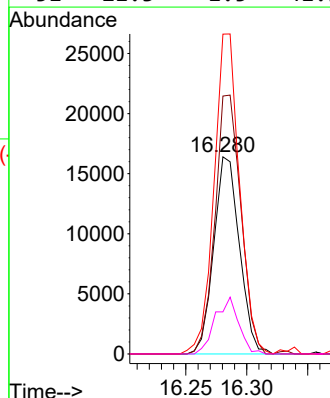
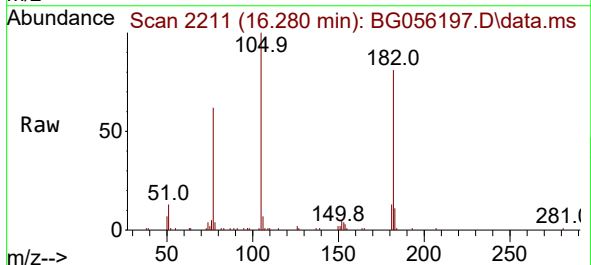
Ion Ratio Lower Upper

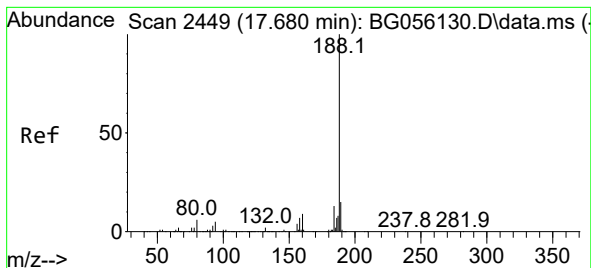
77 100

182 130.9 18.5 58.5#

105 162.2 1.4 41.4#

51 21.3 1.5 41.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.685 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

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ClientSampleId :

PE-1

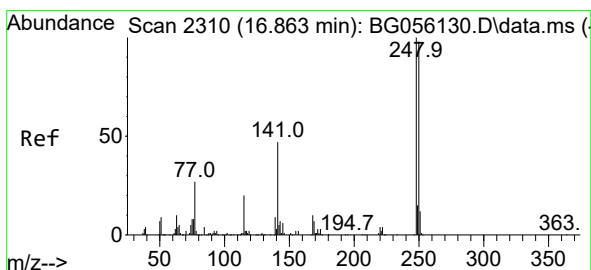
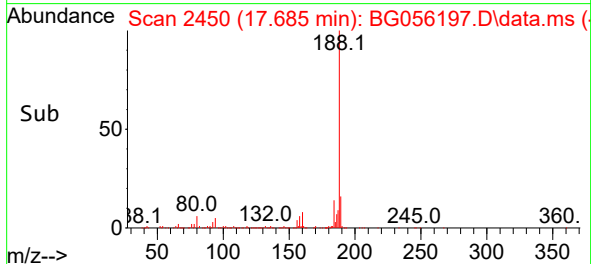
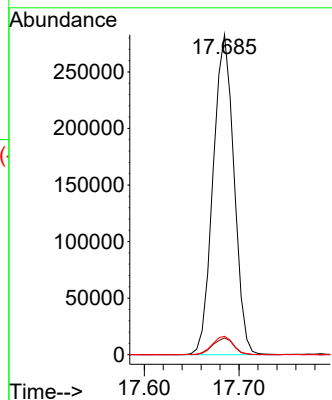
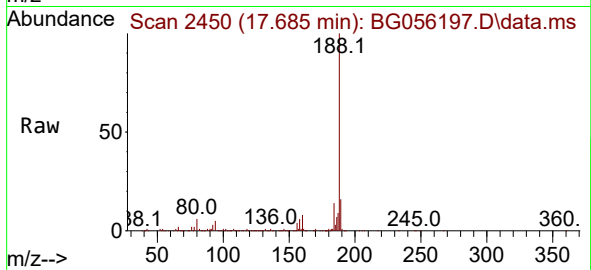
Tgt Ion:188 Resp: 432994

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

80 5.7 5.0 7.4



#67

4-Bromophenyl-phenylether

Concen: 2.727 ng

RT: 16.427 min Scan# 2236

Delta R.T. -0.436 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

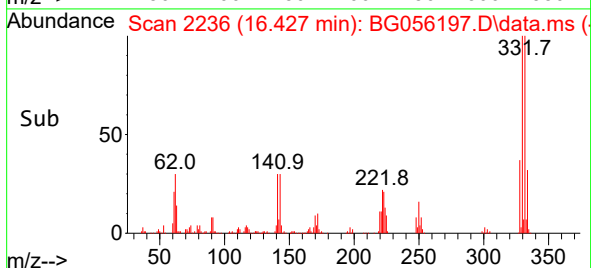
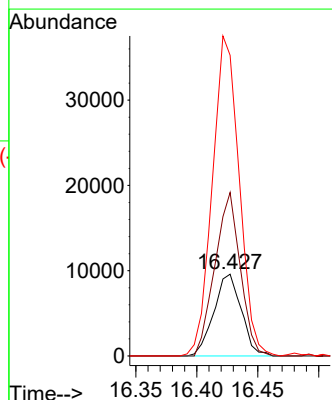
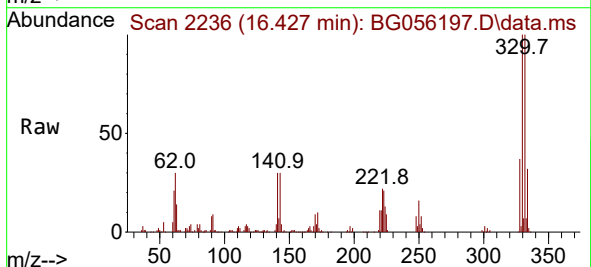
Tgt Ion:248 Resp: 15038

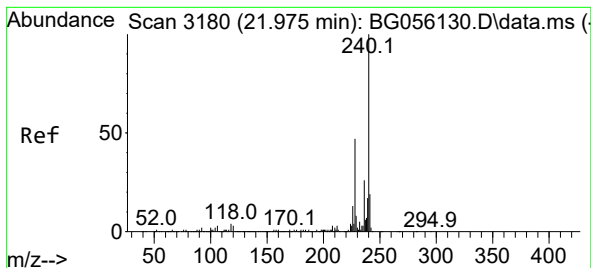
Ion Ratio Lower Upper

248 100

250 192.4 78.2 117.4#

141 280.7 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.985 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

Instrument :

BNA_G

ClientSampleId :

PE-1

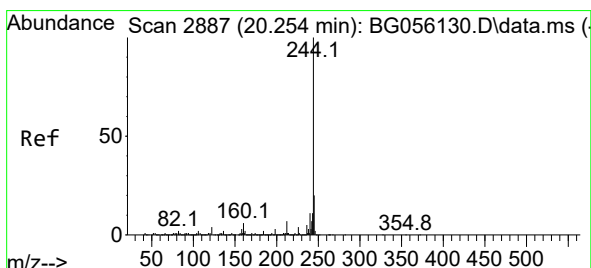
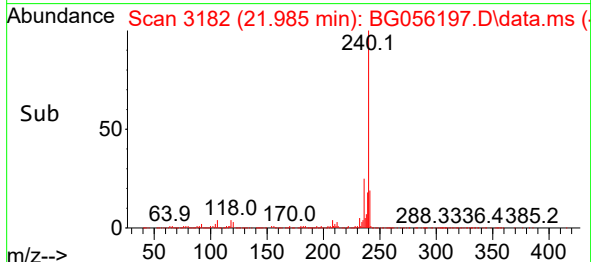
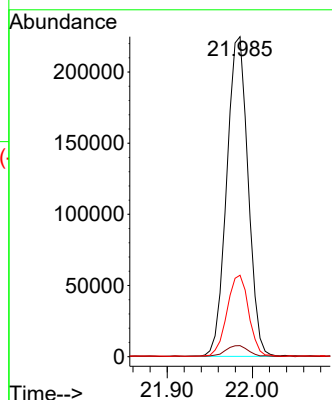
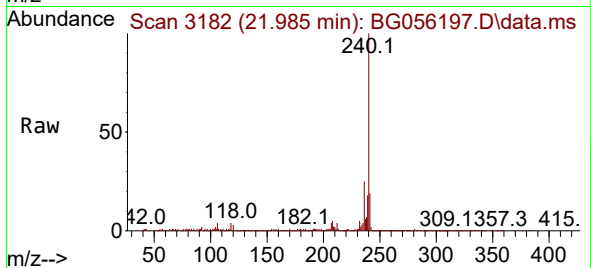
Tgt Ion:240 Resp: 390713

Ion Ratio Lower Upper

240 100

120 3.5 2.6 4.0

236 25.4 20.8 31.2



#79

Terphenyl-d14

Concen: 53.019 ng

RT: 20.258 min Scan# 2888

Delta R.T. -0.001 min

Lab File: BG056197.D

Acq: 3 Jan 2023 22:29

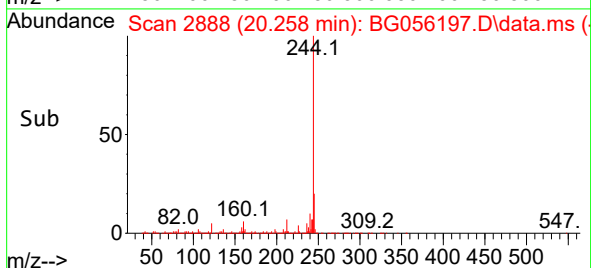
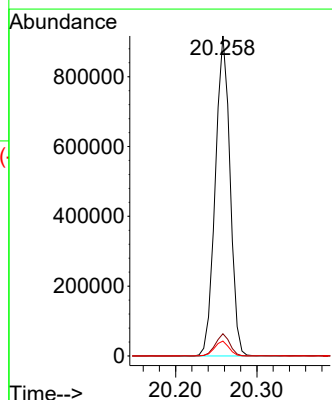
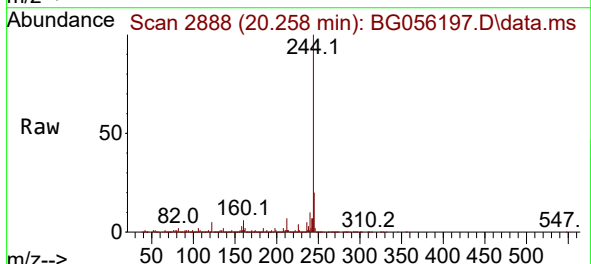
Tgt Ion:244 Resp: 1156601

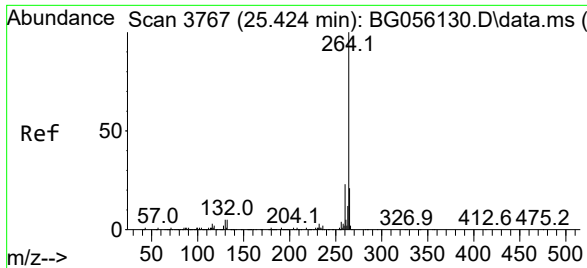
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

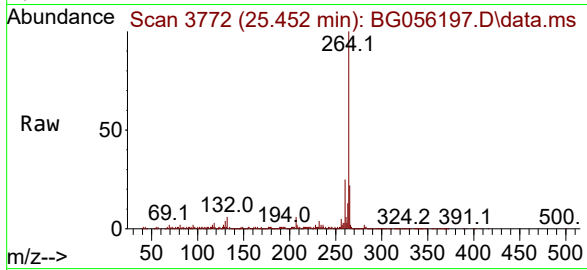
122 4.6 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.452 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BG056197.D
 Acq: 3 Jan 2023 22:29

Instrument :
 BNA_G
 ClientSampleId :
 PE-1



Tgt Ion:264 Resp: 421118

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	22.3	16.7	25.1

