

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055105.D
 Acq On : 7 Oct 2022 19:03
 Operator : CG/JU
 Sample : N5033-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 596C-1

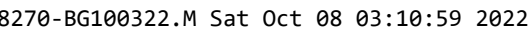
Quant Time: Oct 08 03:10:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

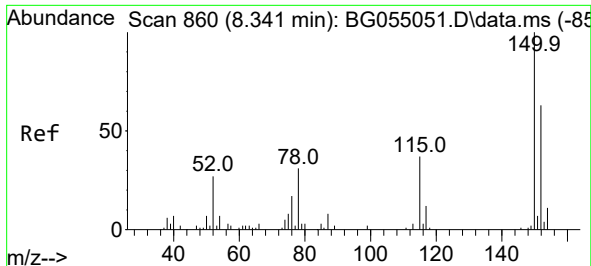
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	20192	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	84897	20.000	ng	# 0.00
39) Acenaphthene-d10	14.941	164	68212	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	194105	20.000	ng	0.00
76) Chrysene-d12	21.962	240	201084	20.000	ng	0.00
86) Perylene-d12	25.405	264	211716	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	54089	59.498	ng	0.00
7) Phenol-d6	7.461	99	28998	21.289	ng	0.00
23) Nitrobenzene-d5	9.506	82	139184	97.964	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	20737	34.134	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	375804	86.008	ng	0.00
79) Terphenyl-d14	20.246	244	841825	84.616	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.506	70	19598	14.854	ng	# 76
48) 2-Nitroaniline	13.566	65	591	4.592	ng	# 1
51) 2,6-Dinitrotoluene	14.941	165	9161	12.459	ng	# 13
57) 2,4-Dinitrotoluene	14.941	165	9161	10.149	ng	# 15
74) Di-n-butylphthalate	18.613	149	1428741	157.241	ng	# 98
80) Butylbenzylphthalate	20.928	149	129	4.866	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.827	149	1337	4.296	ng	# 95
85) Di-n-octyl phthalate	23.137	149	117	4.351	ng	# 1

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

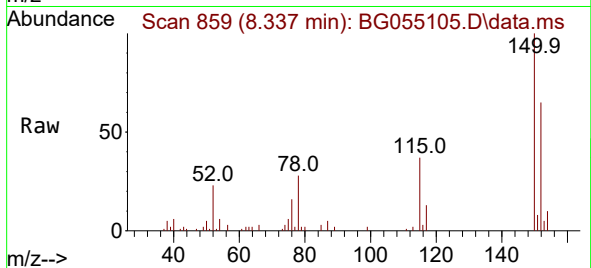
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration



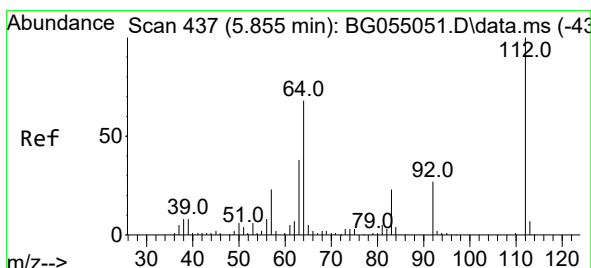
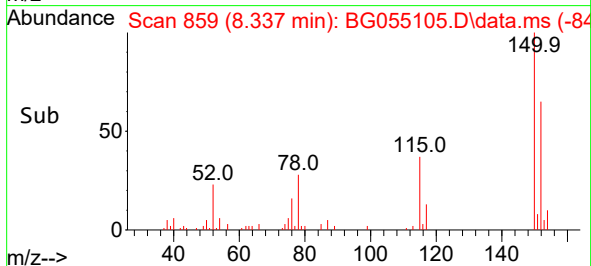
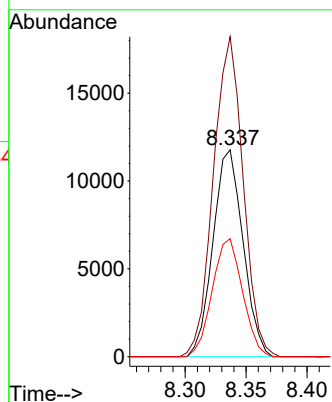


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Instrument :
BNA_G
ClientSampleId :
596C-1

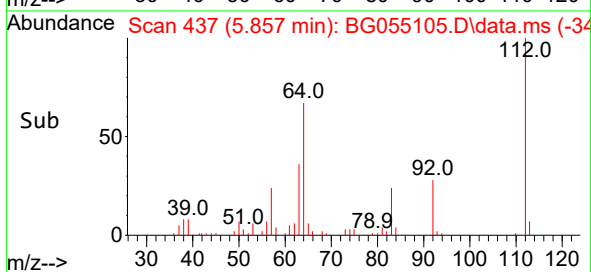
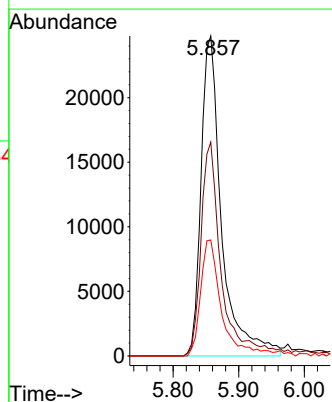
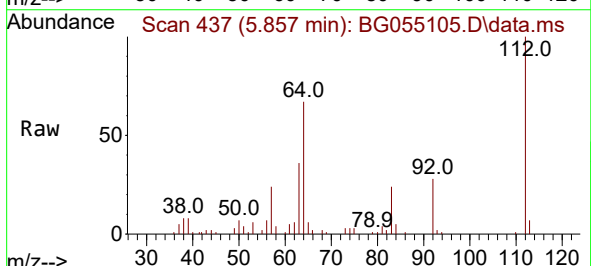


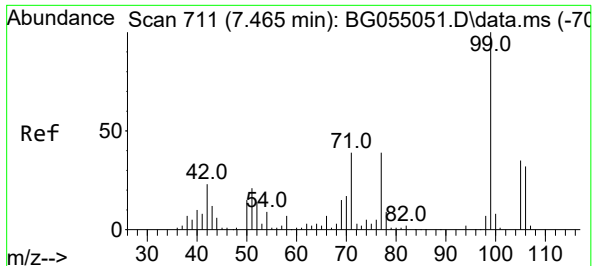
Tgt Ion:152 Resp: 20192
Ion Ratio Lower Upper
152 100
150 154.6 128.0 192.0
115 57.1 47.7 71.5



#5
2-Fluorophenol
Concen: 59.498 ng
RT: 5.857 min Scan# 437
Delta R.T. 0.005 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:112 Resp: 54089
Ion Ratio Lower Upper
112 100
64 66.8 54.5 81.7
63 36.3 30.5 45.7

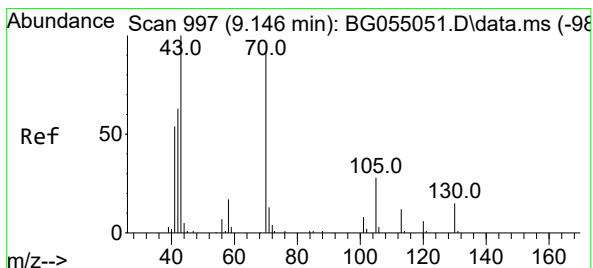
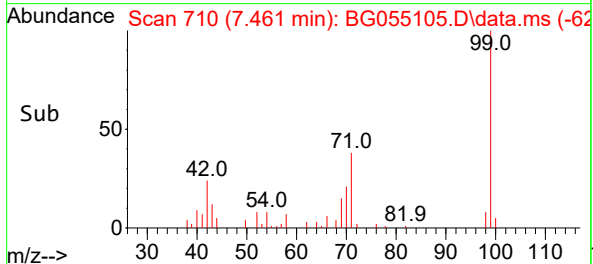
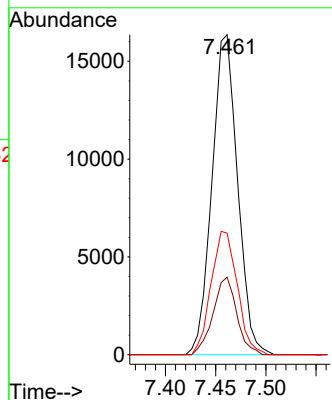
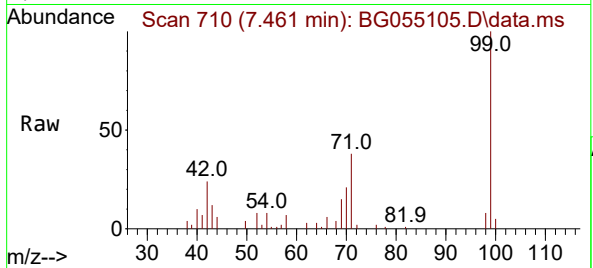




#7
Phenol-d6
Concen: 21.289 ng
RT: 7.461 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

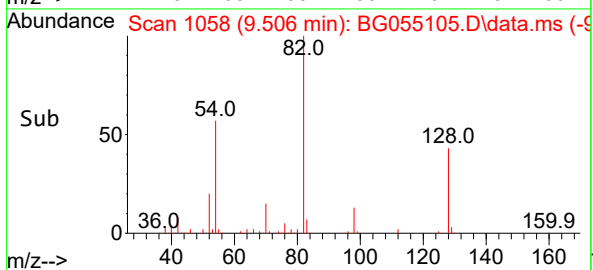
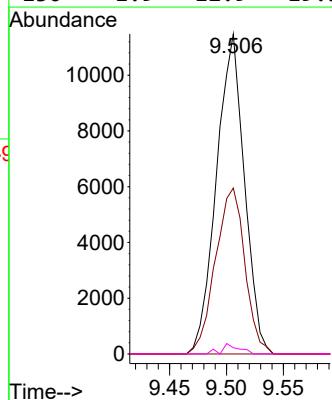
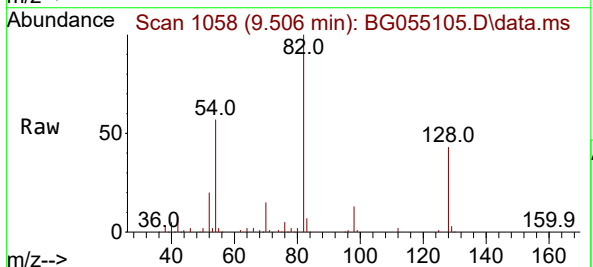
Instrument :
BNA_G
ClientSampleId :
596C-1

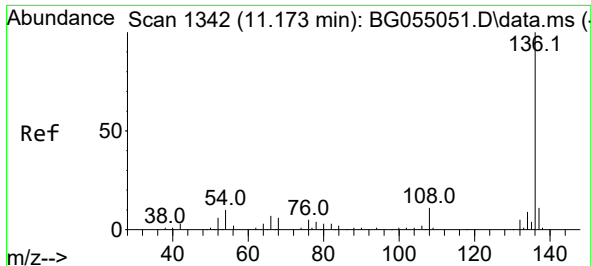
Tgt Ion: 99 Resp: 28998
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 38.0 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.854 ng
RT: 9.506 min Scan# 1058
Delta R.T. 0.369 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion: 70 Resp: 19598
Ion Ratio Lower Upper
70 100
42 51.8 55.8 83.6#
101 0.0 7.1 10.7#
130 1.9 12.9 19.3#

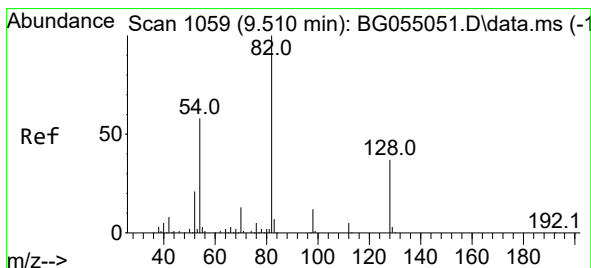
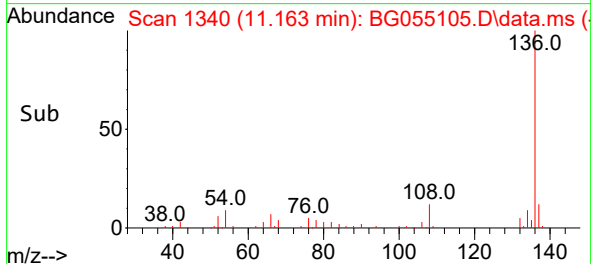
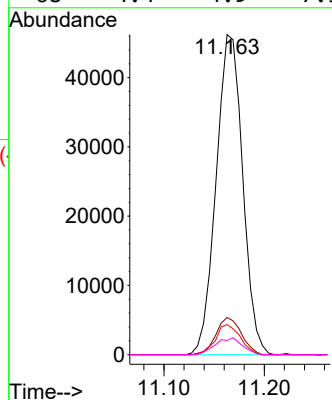
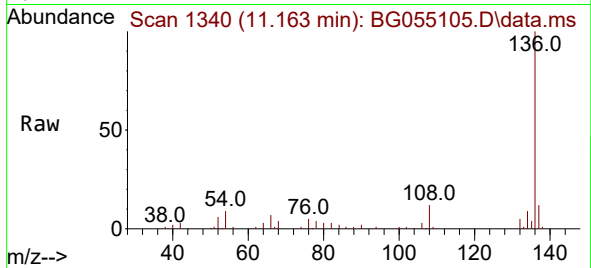




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.163 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

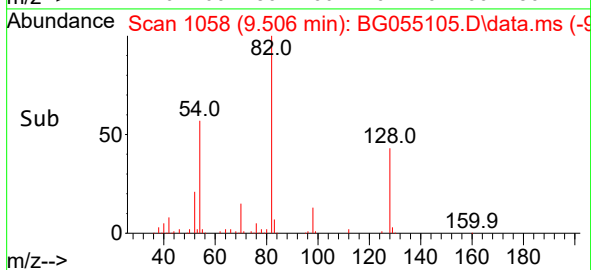
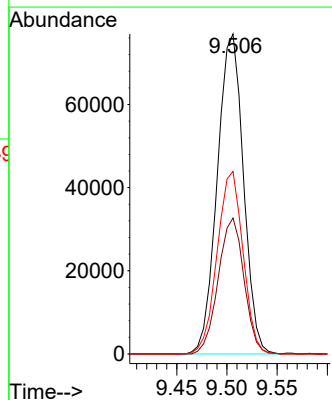
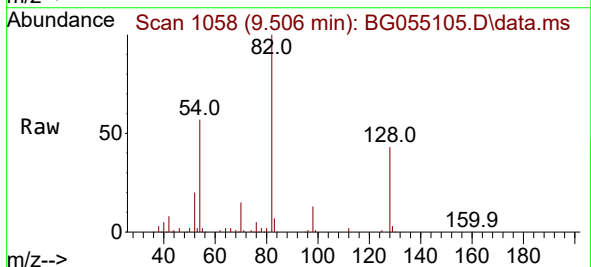
Instrument :
BNA_G
ClientSampleId :
596C-1

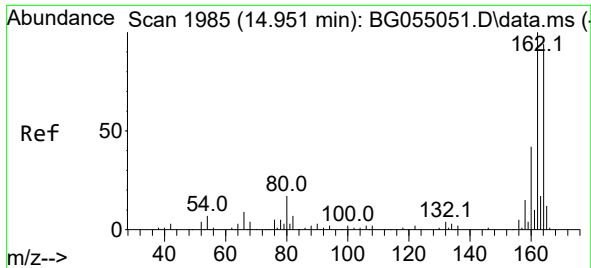
Tgt Ion:	136	Resp:	84897
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.7	13.1
54	9.4	8.2	12.4
68	4.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 97.964 ng
RT: 9.506 min Scan# 1058
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:	82	Resp:	139184
Ion Ratio	Lower	Upper	
82	100		
128	42.5	29.5	44.3
54	57.1	46.7	70.1

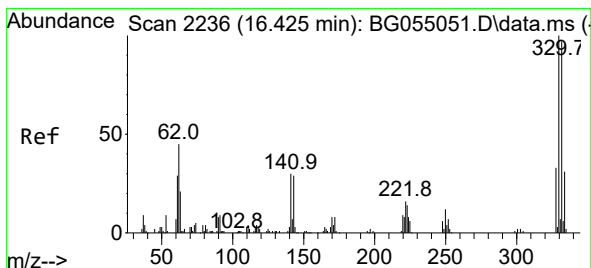
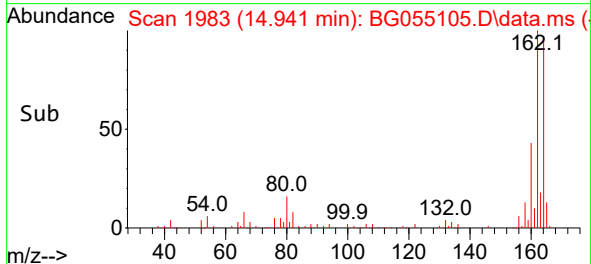
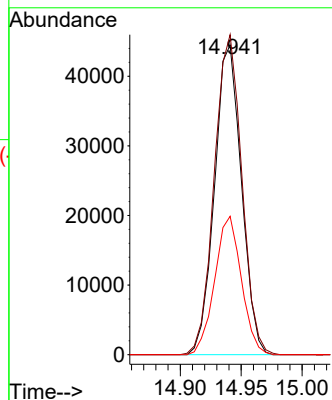
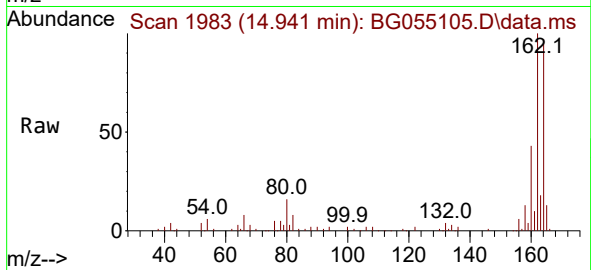




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

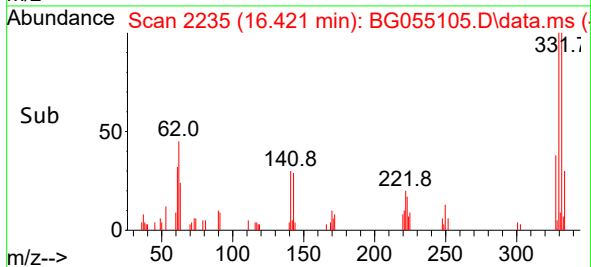
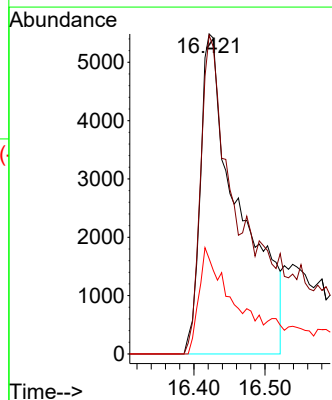
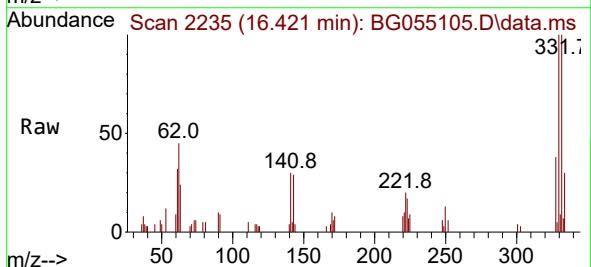
Instrument :
BNA_G
ClientSampleId :
596C-1

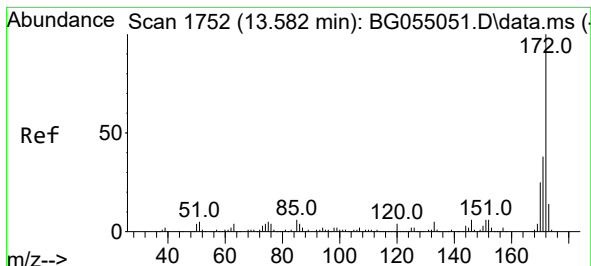
Tgt Ion:164 Resp: 68212
Ion Ratio Lower Upper
164 100
162 103.3 85.5 128.3
160 44.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 34.134 ng
RT: 16.421 min Scan# 2235
Delta R.T. 0.005 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:330 Resp: 20737
Ion Ratio Lower Upper
330 100
332 70.7 77.4 116.0#
141 29.4 25.0 37.4

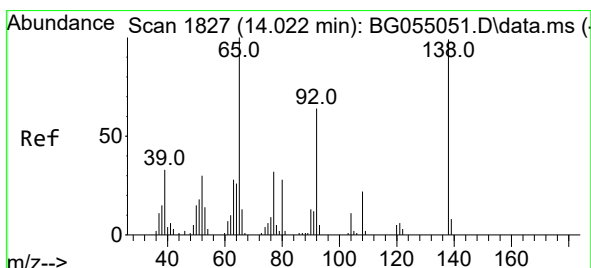
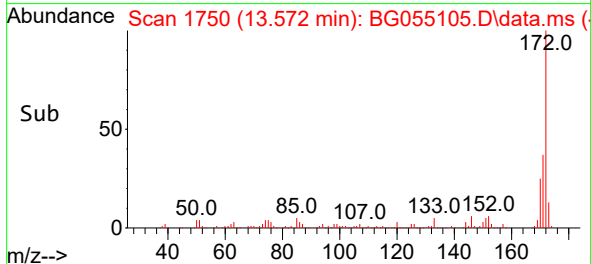
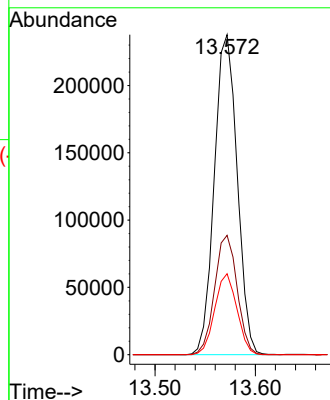
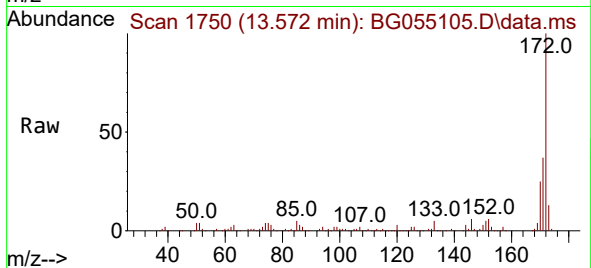




#45
2-Fluorobiphenyl
Concen: 86.008 ng
RT: 13.572 min Scan# 1749
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

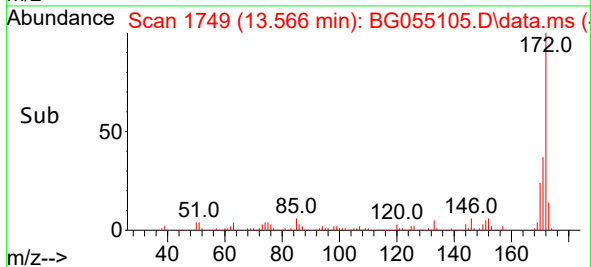
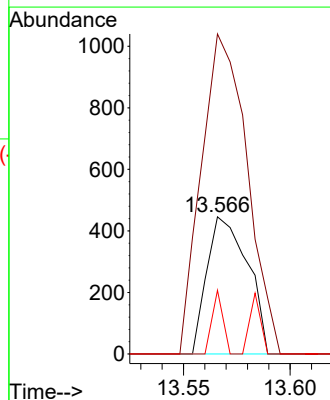
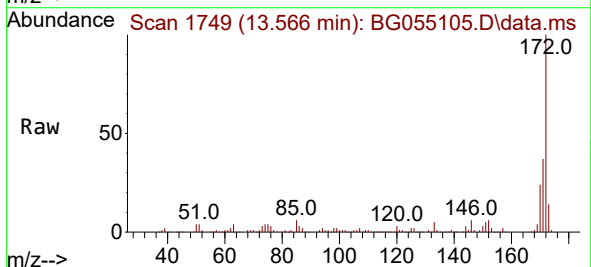
Instrument :
BNA_G
ClientSampleId :
596C-1

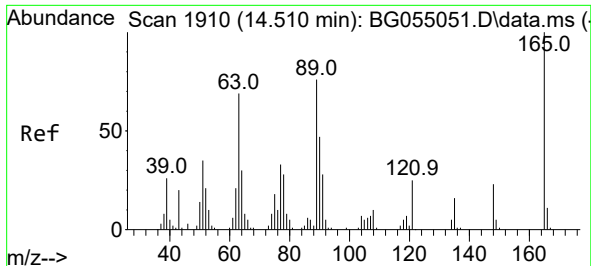
Tgt Ion:172 Resp: 375804
Ion Ratio Lower Upper
172 100
171 37.3 30.1 45.1
170 25.3 20.0 30.0



#48
2-Nitroaniline
Concen: 4.592 ng
RT: 13.566 min Scan# 1749
Delta R.T. -0.453 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion: 65 Resp: 591
Ion Ratio Lower Upper
65 100
92 233.2 50.9 76.3#
138 46.4 79.5 119.3#

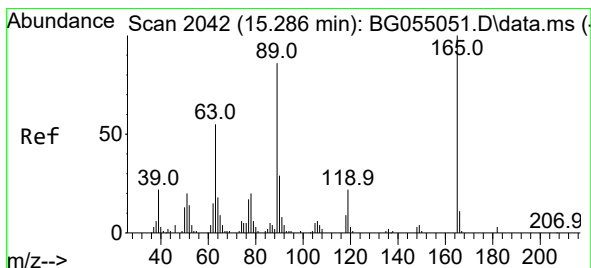
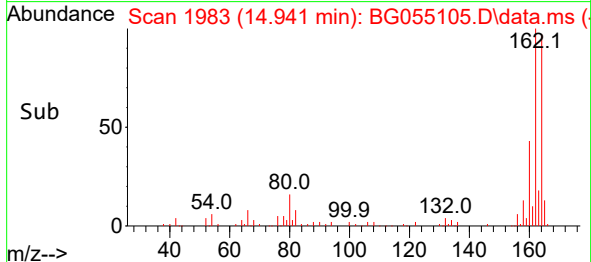
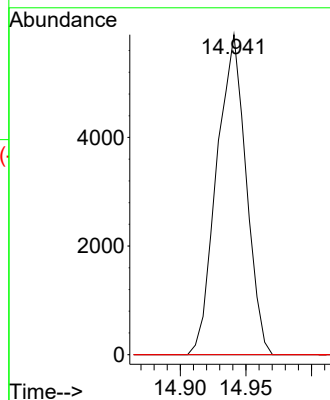
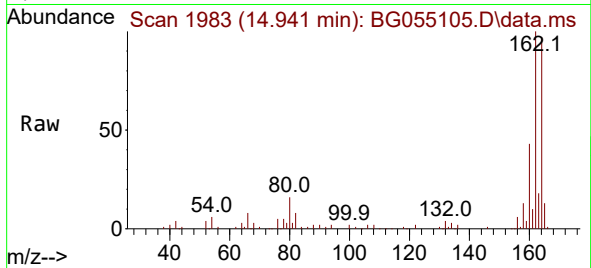




#51
2,6-Dinitrotoluene
Concen: 12.459 ng
RT: 14.941 min Scan# 1910
Delta R.T. 0.434 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

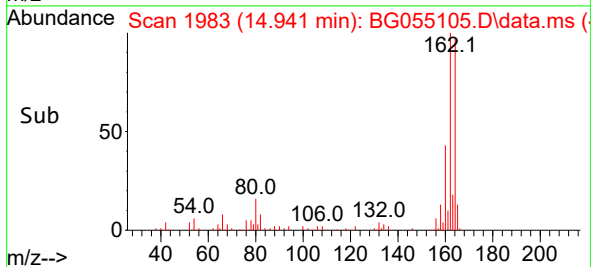
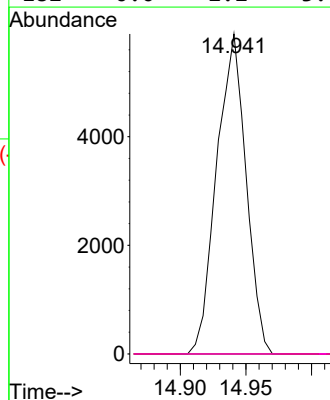
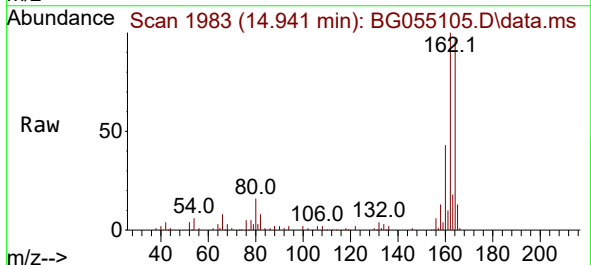
Instrument :
BNA_G
ClientSampleId :
596C-1

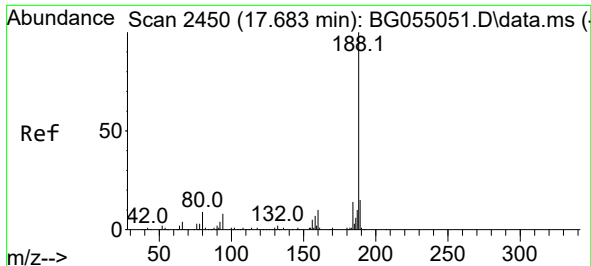
Tgt Ion:165 Resp: 9161
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.149 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.342 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:165 Resp: 9161
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#

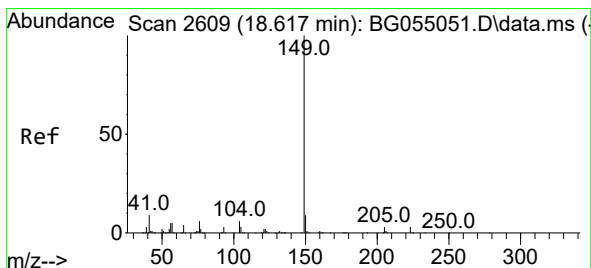
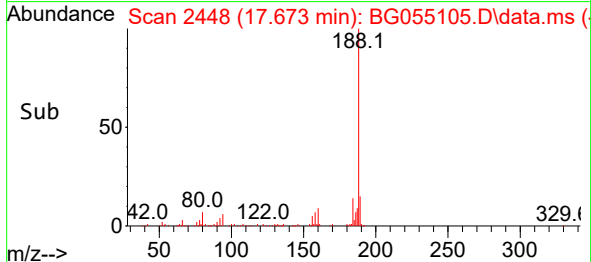
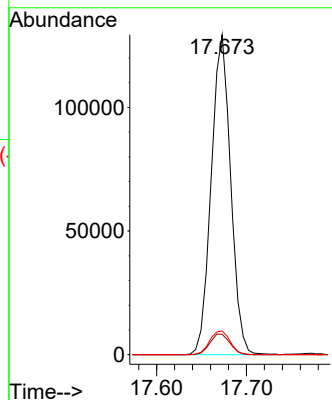
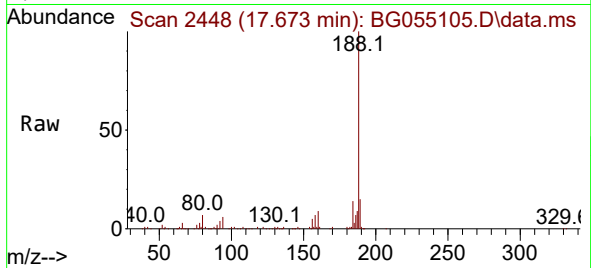




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.673 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

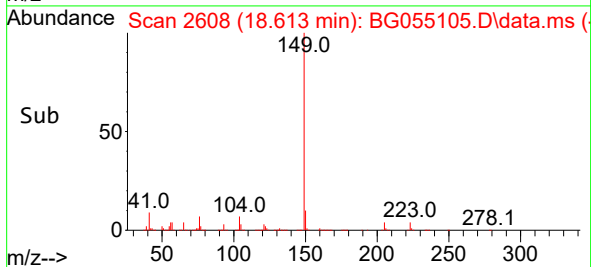
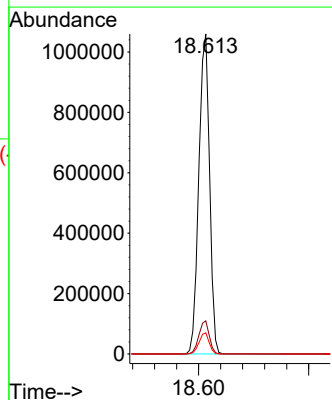
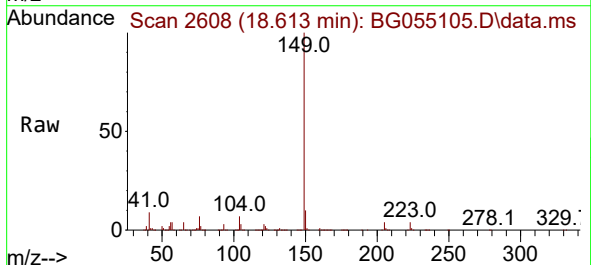
Instrument :
BNA_G
ClientSampleId :
596C-1

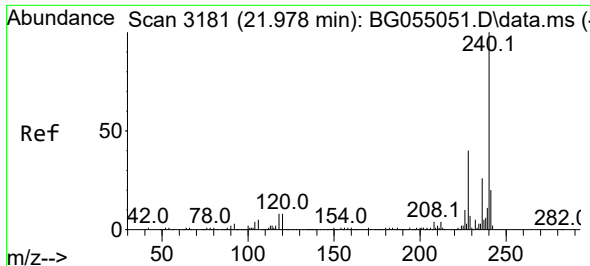
Tgt Ion:188 Resp: 194105
Ion Ratio Lower Upper
188 100
94 6.4 6.2 9.2
80 7.4 7.2 10.8



#74
Di-n-butylphthalate
Concen: 157.241 ng
RT: 18.613 min Scan# 2608
Delta R.T. 0.005 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:149 Resp: 1428741
Ion Ratio Lower Upper
149 100
150 10.4 7.5 11.3
104 6.6 4.8 7.2

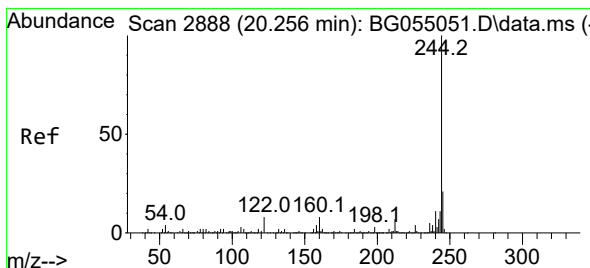
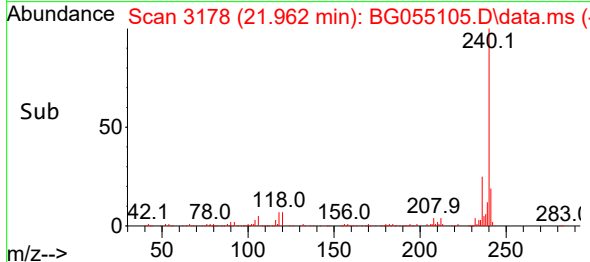
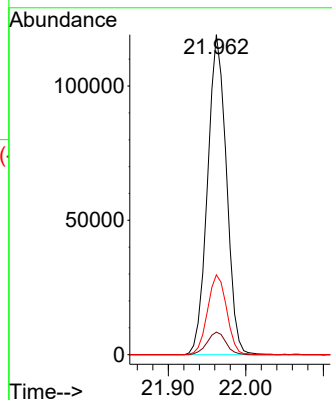
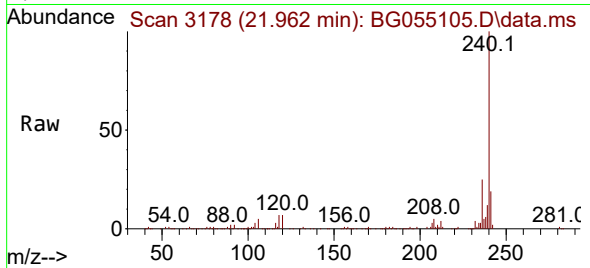




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.962 min Scan# 3181
Delta R.T. -0.007 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

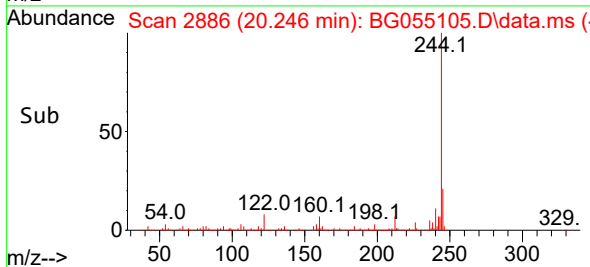
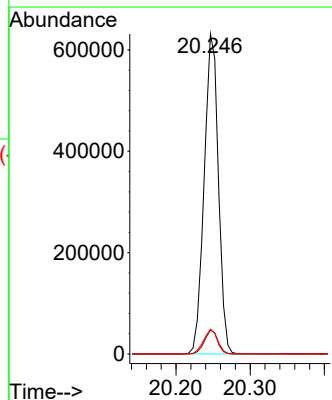
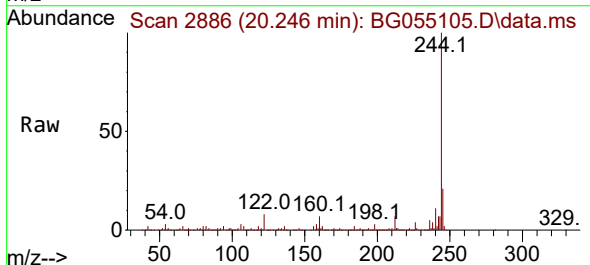
Instrument :
BNA_G
ClientSampleId :
596C-1

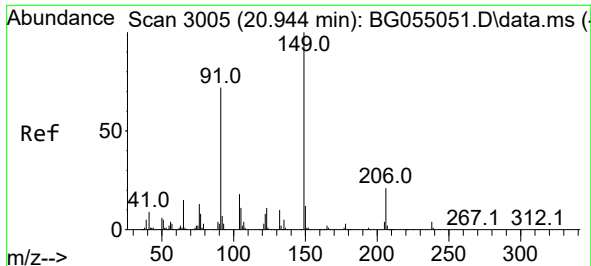
Tgt Ion:240 Resp: 201084
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.4
236 24.9 20.6 30.8



#79
Terphenyl-d14
Concen: 84.616 ng
RT: 20.246 min Scan# 2886
Delta R.T. -0.007 min
Lab File: BG055105.D
Acq: 7 Oct 2022 19:03

Tgt Ion:244 Resp: 841825
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.8 6.6 10.0

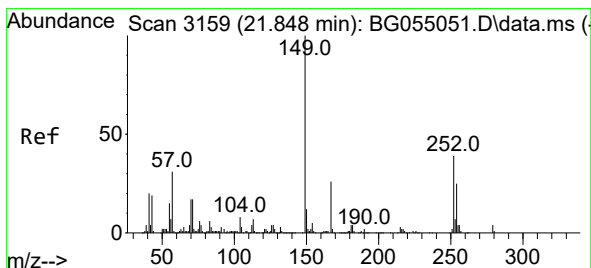
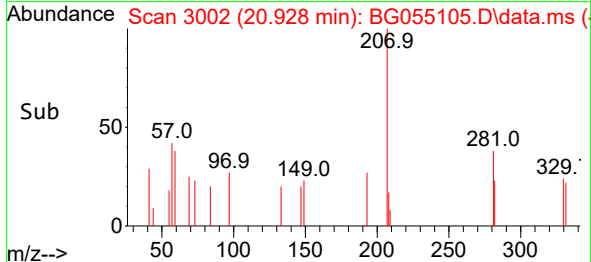
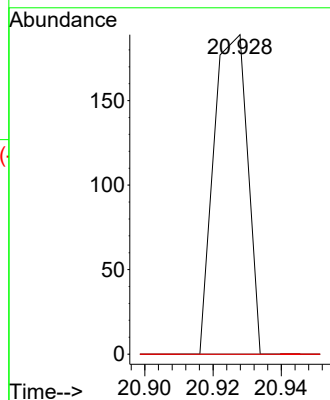
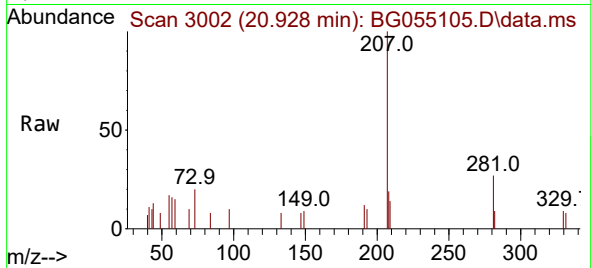




#80
 Butylbenzylphthalate
 Concen: 4.866 ng
 RT: 20.928 min Scan# 3005
 Delta R.T. -0.007 min
 Lab File: BG055105.D
 Acq: 7 Oct 2022 19:03

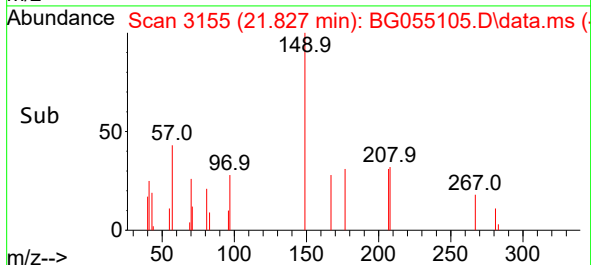
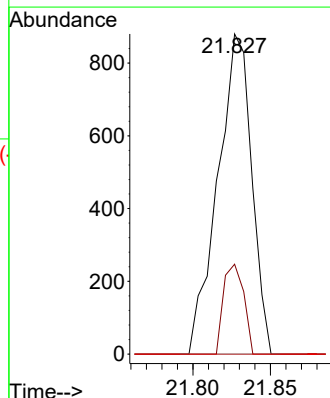
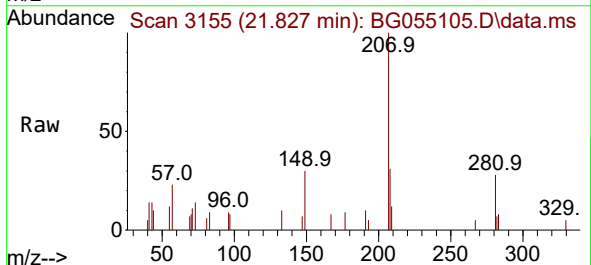
Instrument :
 BNA_G
 ClientSampleId :
 596C-1

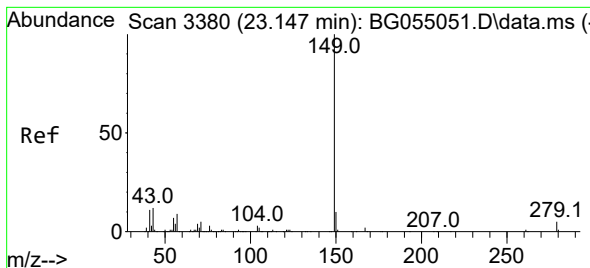
Tgt Ion:149 Resp: 129
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.296 ng
 RT: 21.827 min Scan# 3155
 Delta R.T. -0.007 min
 Lab File: BG055105.D
 Acq: 7 Oct 2022 19:03

Tgt Ion:149 Resp: 1337
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.0 31.4
 279 0.0 3.4 5.2#





#85

Di-n-octyl phthalate

Concen: 4.351 ng

RT: 23.137 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG055105.D

Acq: 7 Oct 2022 19:03

Instrument :

BNA_G

ClientSampleId :

596C-1

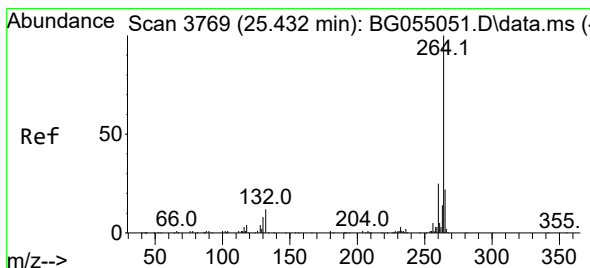
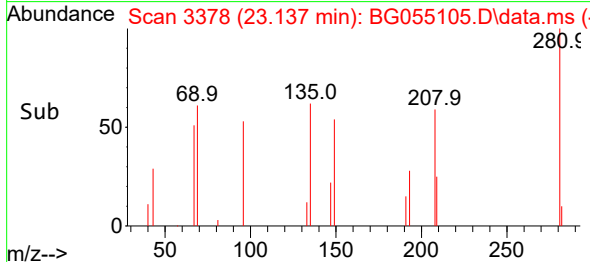
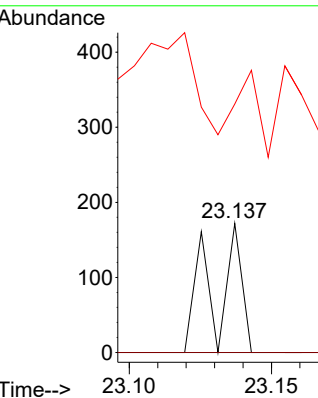
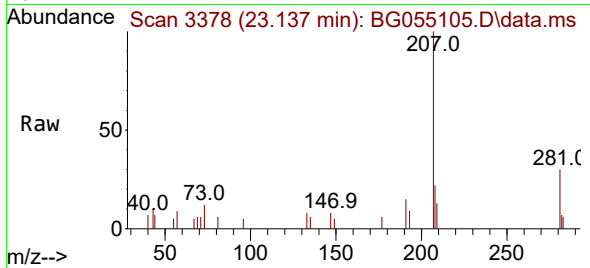
Tgt Ion:149 Resp: 117

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 410.3 10.2 15.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.405 min Scan# 3764

Delta R.T. -0.013 min

Lab File: BG055105.D

Acq: 7 Oct 2022 19:03

Tgt Ion:264 Resp: 211716

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 22.4 17.8 26.6

