

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057500.D
 Acq On : 22 May 2023 19:21
 Operator : CG/JU
 Sample : 02864-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-359

Quant Time: May 23 04:07:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

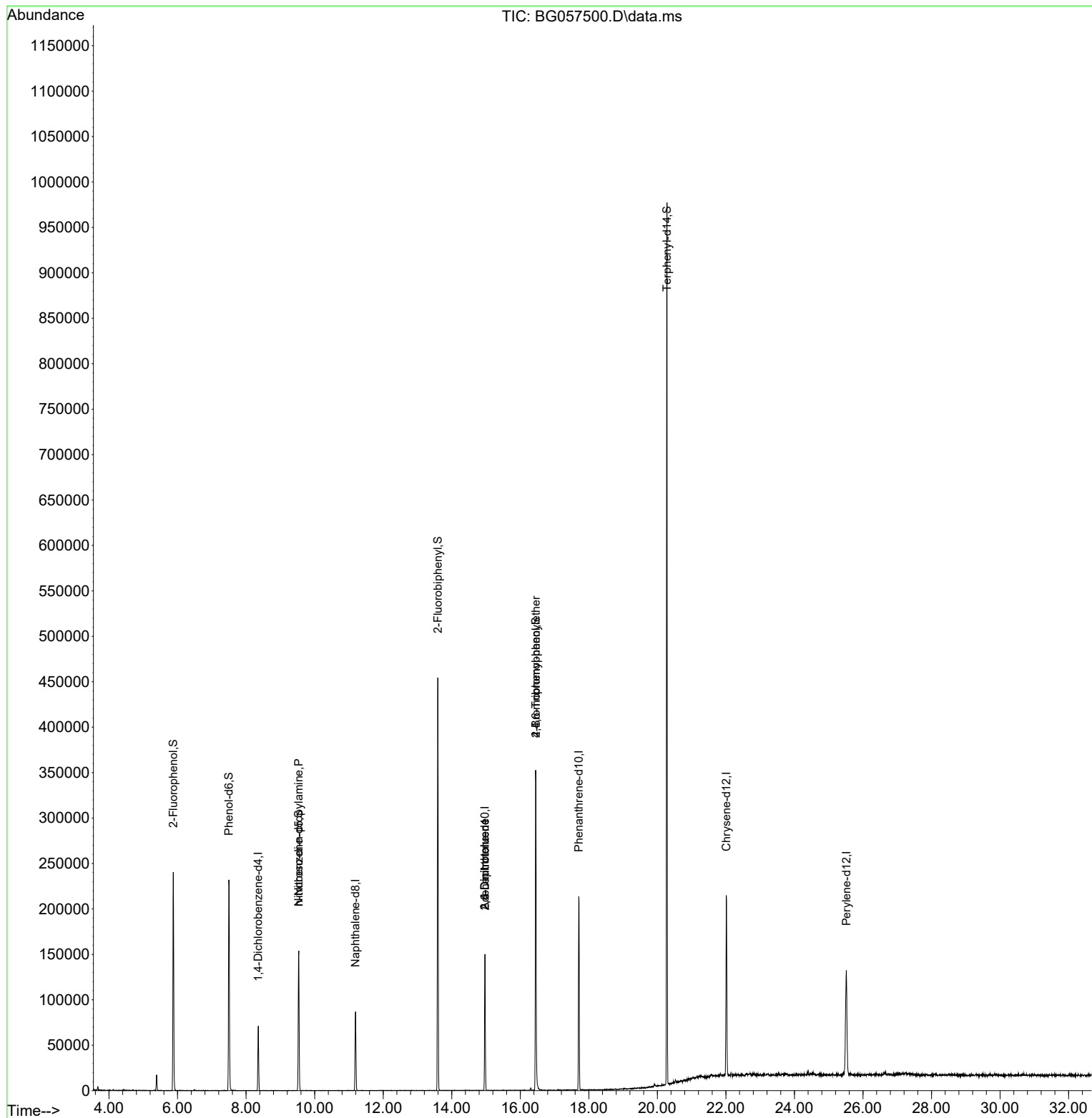
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	20049	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	77329	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	56146	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	144104	20.000	ng	0.00
76) Chrysene-d12	22.013	240	134258	20.000	ng	0.00
86) Perylene-d12	25.514	264	141418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	106939	91.242	ng	0.00
7) Phenol-d6	7.497	99	144692	81.297	ng	0.00
23) Nitrobenzene-d5	9.535	82	101850	55.280	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	80616	101.193	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	249970	59.961	ng	0.00
79) Terphenyl-d14	20.280	244	509760	61.962	ng	0.00
Target Compounds						
9) Benzaldehyde	7.497	77	131	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	9.535	70	14919	10.993	ng	# 73
51) 2,6-Dinitrotoluene	14.969	165	7220	7.664	ng	# 17
57) 2,4-Dinitrotoluene	14.969	165	7220	5.363	ng	# 20
67) 4-Bromophenyl-phenylether	16.456	248	5474	3.112	ng	# 1

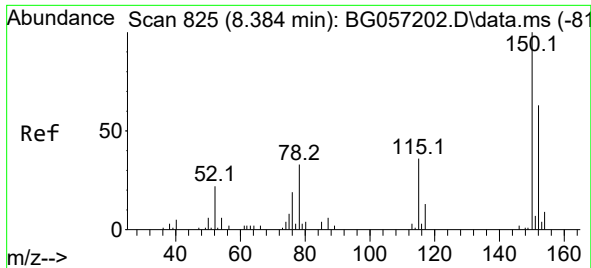
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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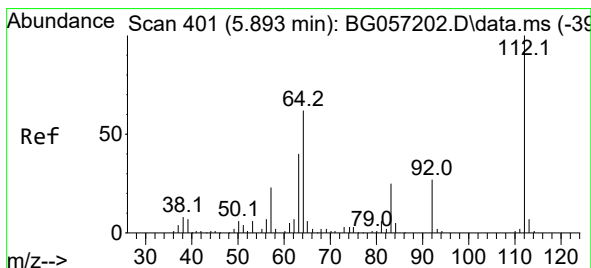
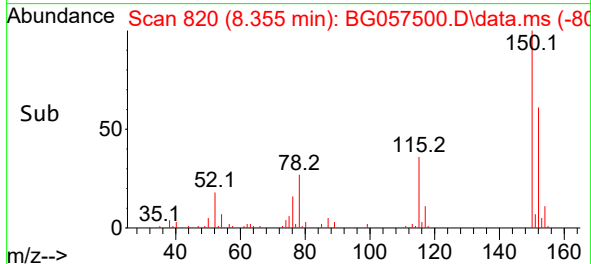
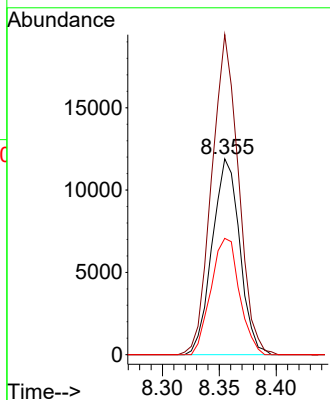
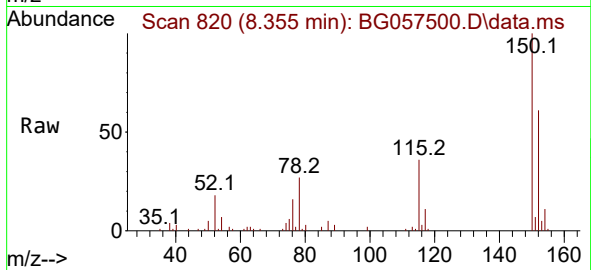




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

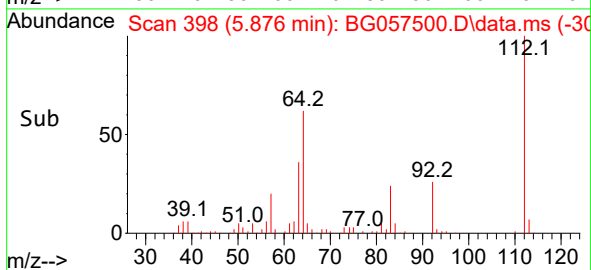
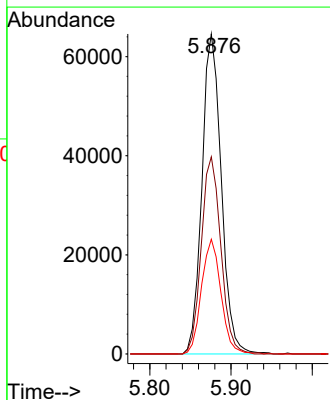
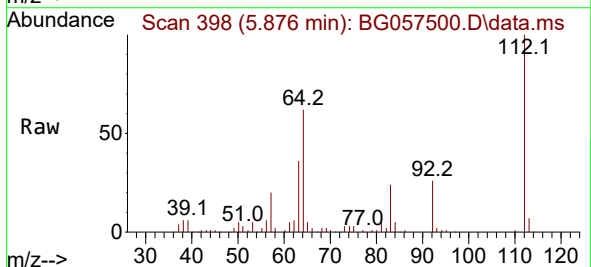
Instrument :
BNA_G
ClientSampleId :
ETGI-359

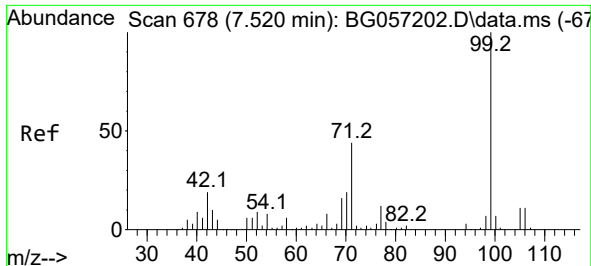
Tgt Ion:152 Resp: 20049
Ion Ratio Lower Upper
152 100
150 163.4 126.2 189.4
115 59.4 45.0 67.4



#5
2-Fluorophenol
Concen: 91.242 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion:112 Resp: 106939
Ion Ratio Lower Upper
112 100
64 61.6 49.4 74.2
63 35.8 31.6 47.4

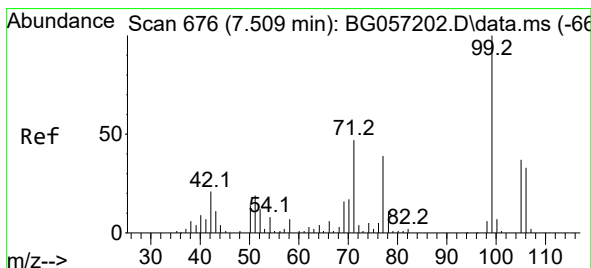
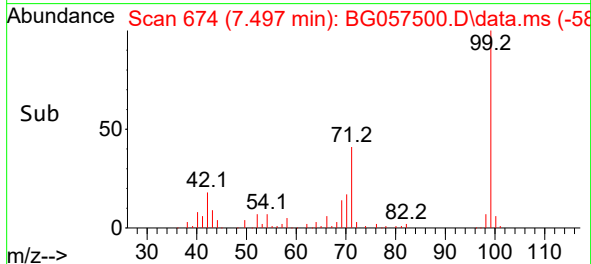
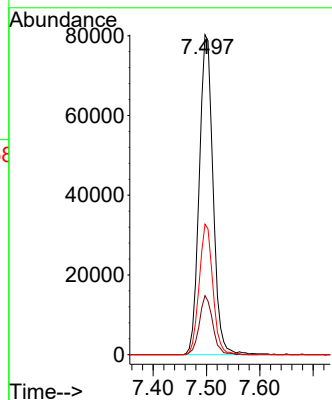
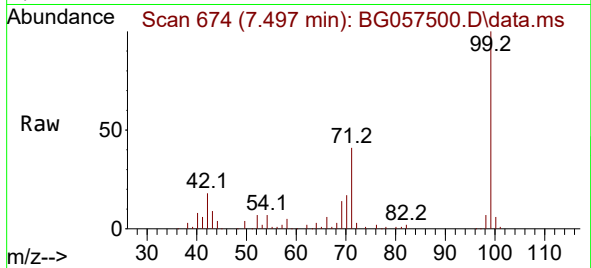




#7
Phenol-d6
Concen: 81.297 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

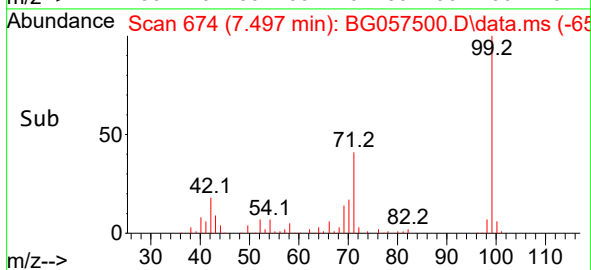
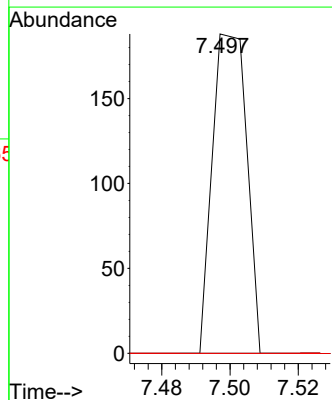
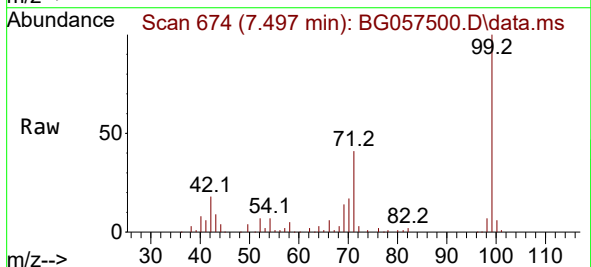
Instrument :
BNA_G
ClientSampleId :
ETGI-359

Tgt Ion: 99 Resp: 144692
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 40.8 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.497 min Scan# 674
Delta R.T. 0.011 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion: 77 Resp: 131
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

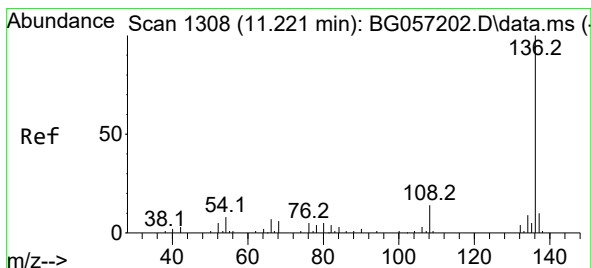
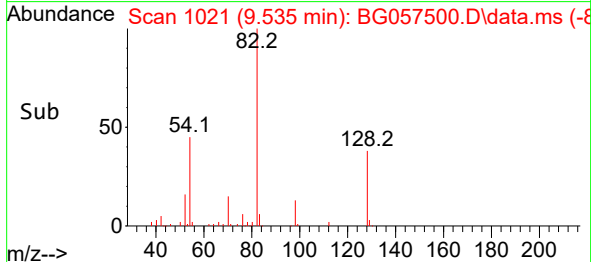
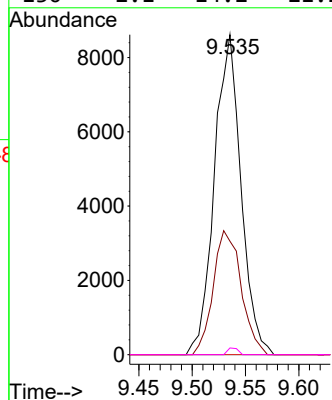
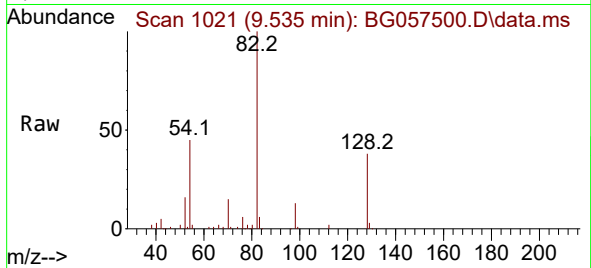




#19
n-Nitroso-di-n-propylamine
Concen: 10.993 ng
RT: 9.535 min Scan# 1021
Delta R.T. 0.375 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

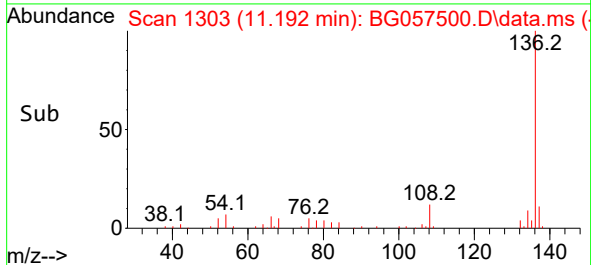
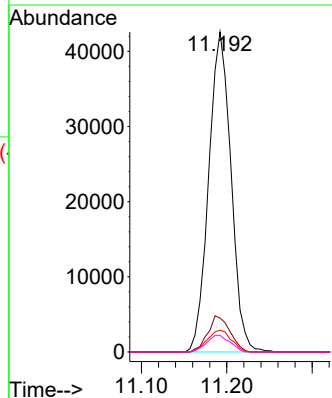
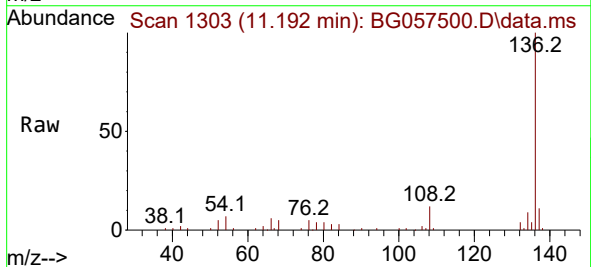
Instrument :
BNA_G
ClientSampleId :
ETGI-359

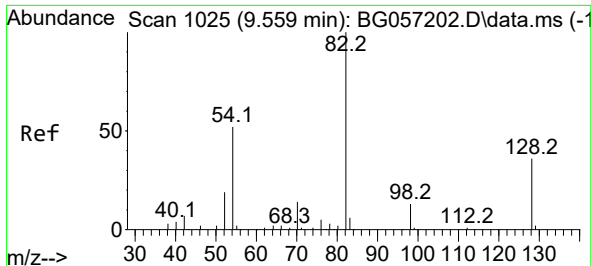
Tgt Ion: 70 Resp: 14919
Ion Ratio Lower Upper
70 100
42 35.4 41.8 62.8#
101 0.0 6.8 10.2#
130 2.1 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion:136 Resp: 77329
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 6.8 6.7 10.1
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.280 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BG057500.D

Acq: 22 May 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ETGI-359

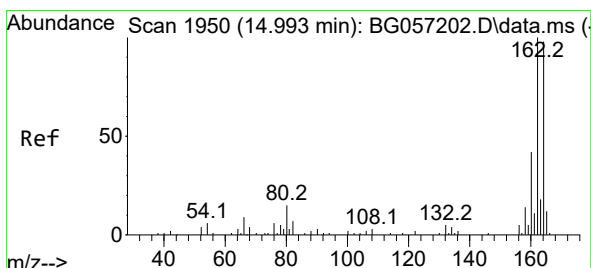
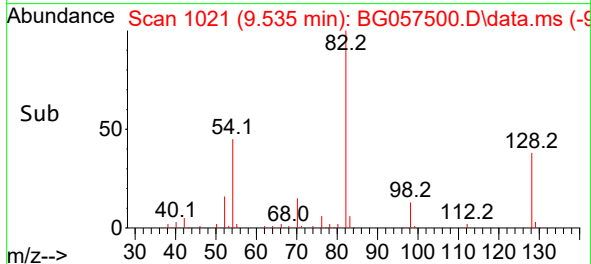
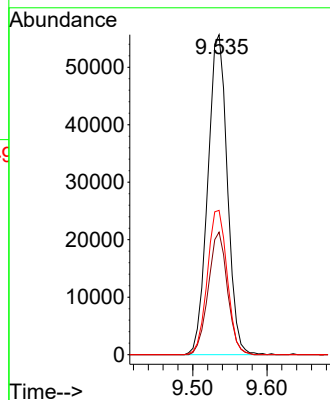
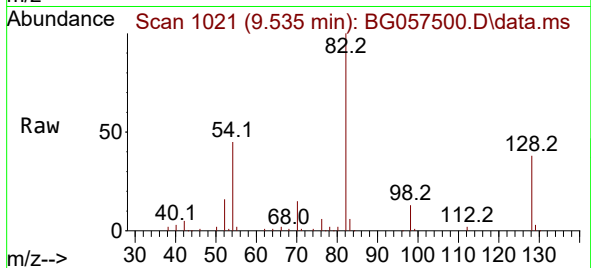
Tgt Ion: 82 Resp: 101850

Ion Ratio Lower Upper

82 100

128 38.3 29.0 43.4

54 45.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.007 min

Lab File: BG057500.D

Acq: 22 May 2023 19:21

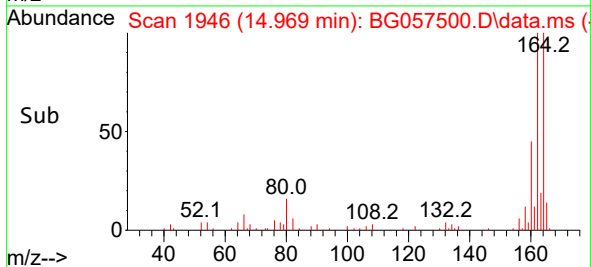
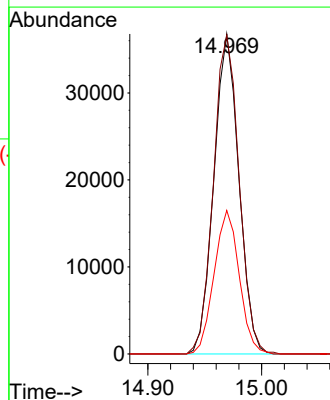
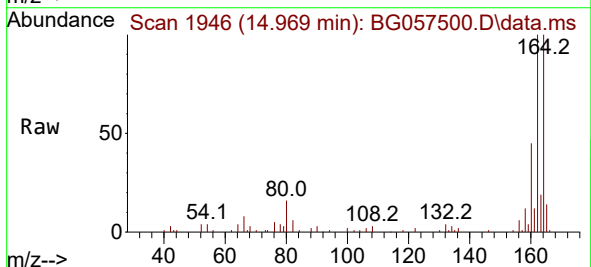
Tgt Ion:164 Resp: 56146

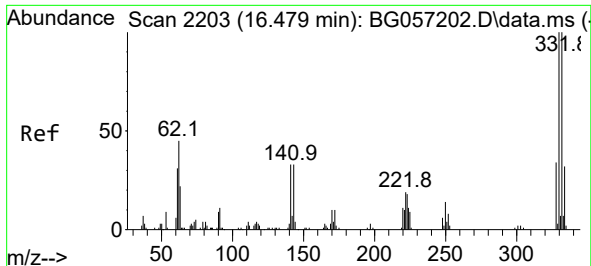
Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

160 44.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 101.193 ng

RT: 16.456 min Scan# 2199

Delta R.T. -0.001 min

Lab File: BG057500.D

Acq: 22 May 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ETGI-359

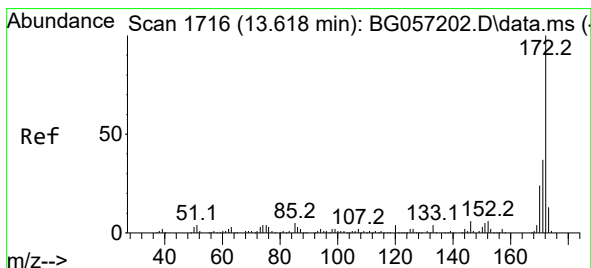
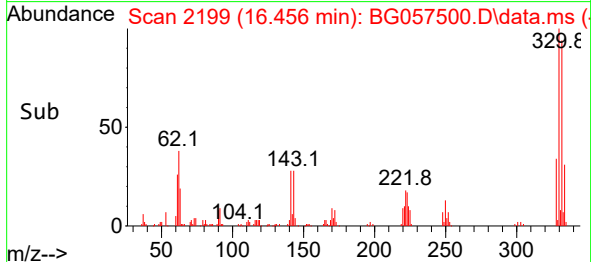
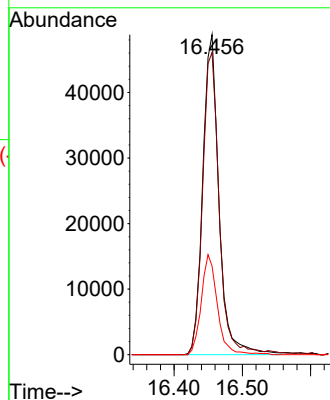
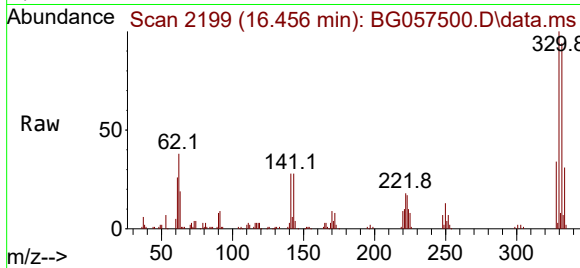
Tgt Ion:330 Resp: 80616

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.2

141 31.1 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 59.961 ng

RT: 13.595 min Scan# 1712

Delta R.T. -0.007 min

Lab File: BG057500.D

Acq: 22 May 2023 19:21

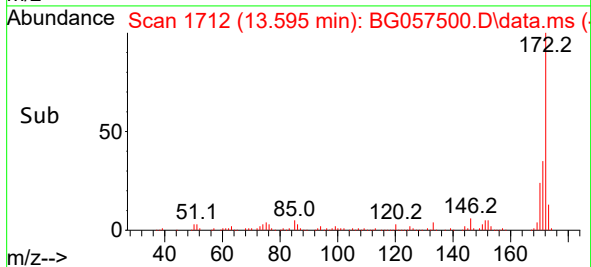
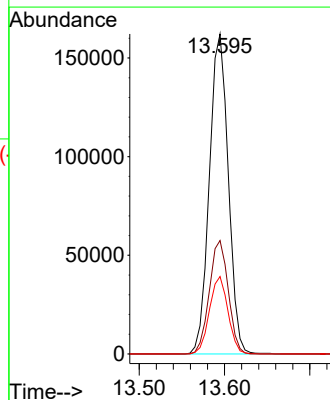
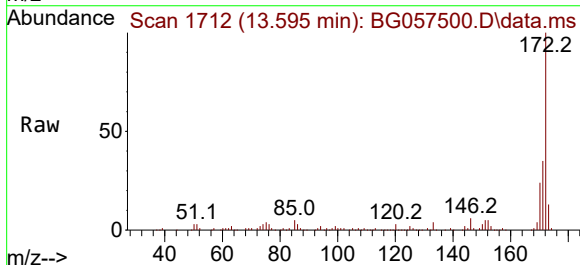
Tgt Ion:172 Resp: 249970

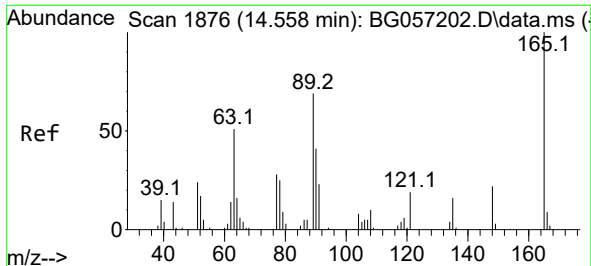
Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 24.2 19.0 28.6

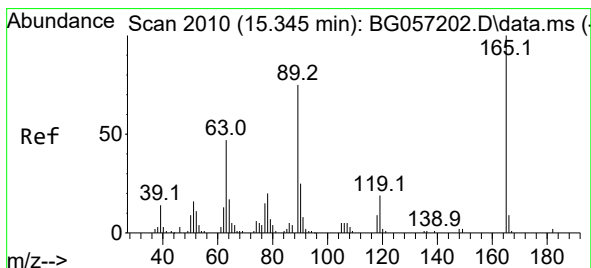
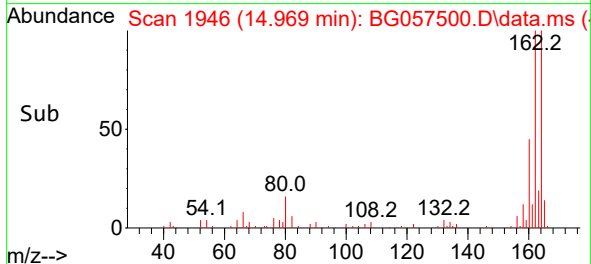
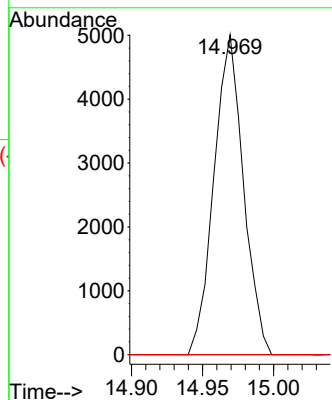
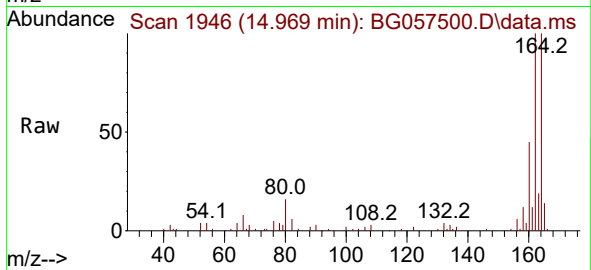




#51
2,6-Dinitrotoluene
Concen: 7.664 ng
RT: 14.969 min Scan# 1946
Delta R.T. 0.428 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

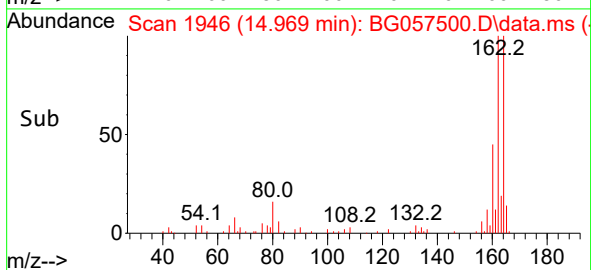
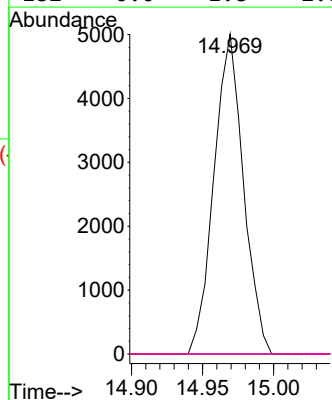
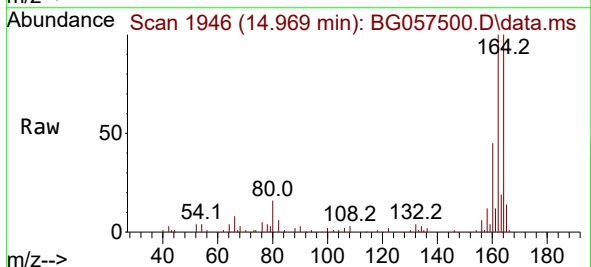
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ETGI-359

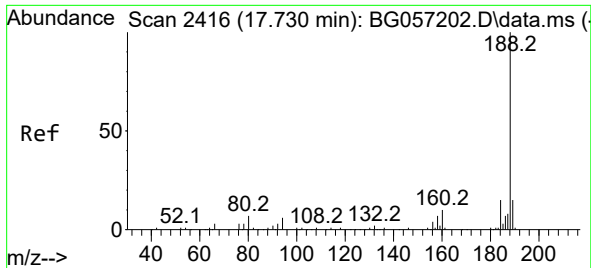
Tgt Ion:165 Resp: 7220
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.363 ng
RT: 14.969 min Scan# 1946
Delta R.T. -0.359 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion:165 Resp: 7220
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#

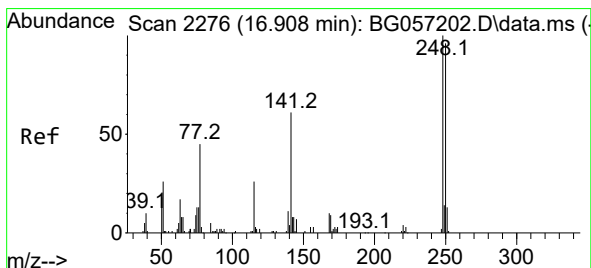
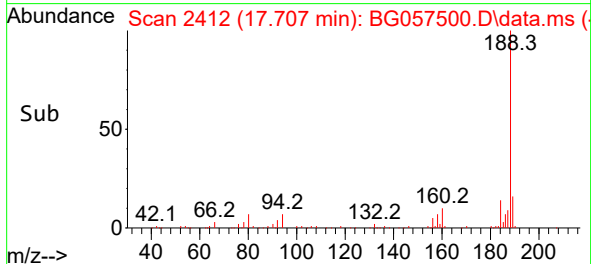
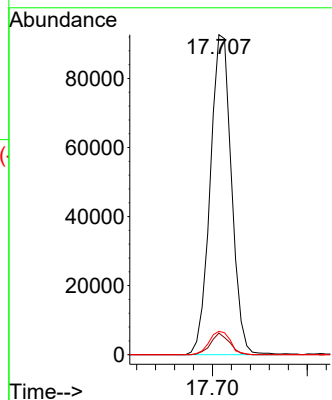
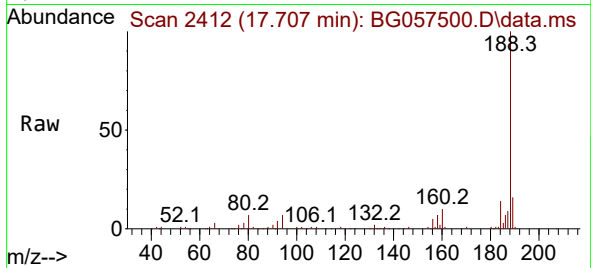




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

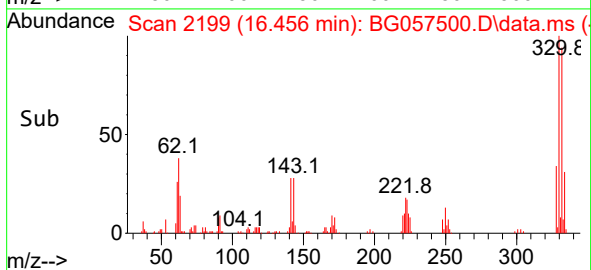
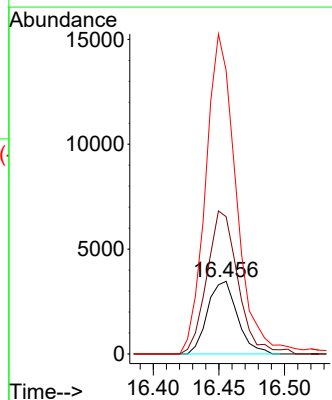
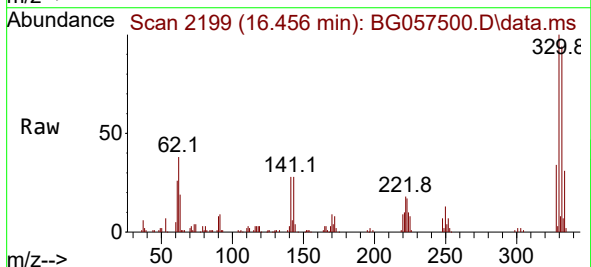
Instrument :
BNA_G
ClientSampleId :
ETGI-359

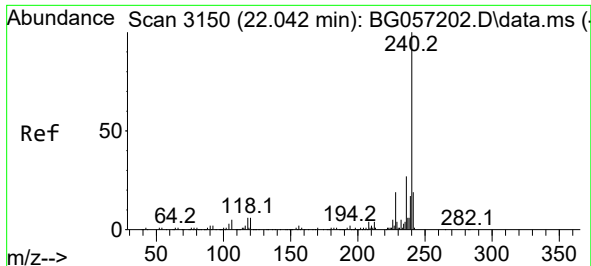
Tgt Ion:188 Resp: 144104
Ion Ratio Lower Upper
188 100
94 6.8 5.1 7.7
80 7.3 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 3.112 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.430 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion:248 Resp: 5474
Ion Ratio Lower Upper
248 100
250 189.0 77.0 115.6#
141 390.5 48.6 72.8#

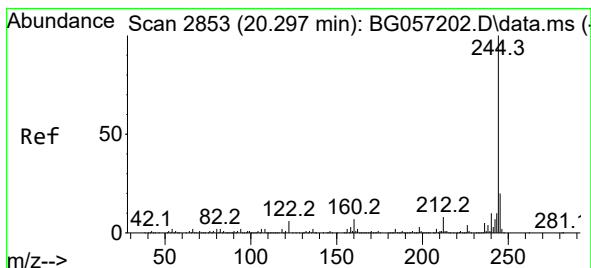
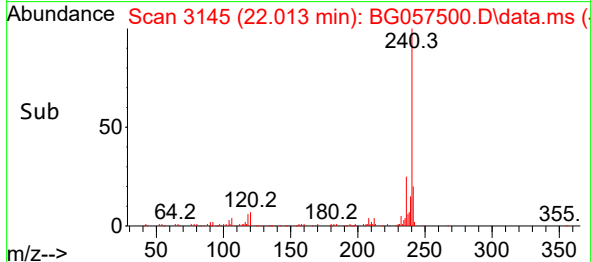
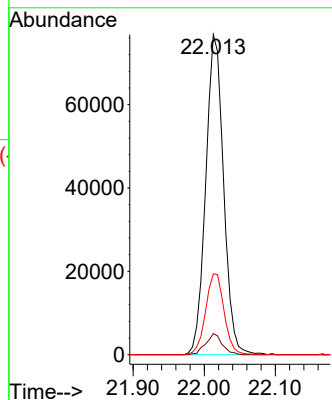
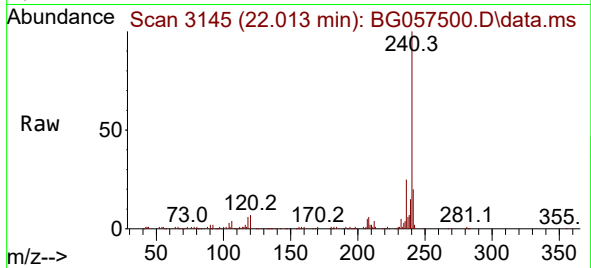




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

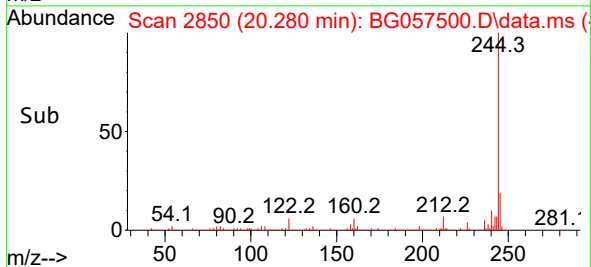
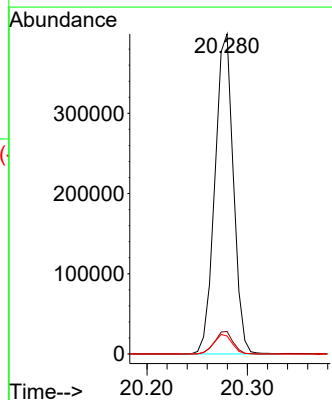
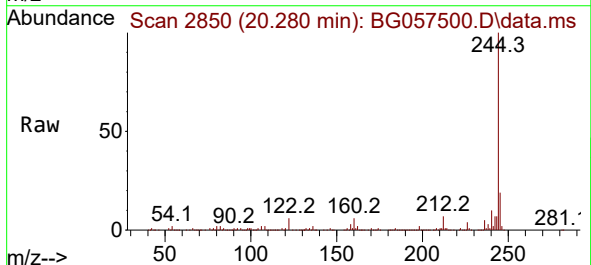
Instrument :
BNA_G
ClientSampleId :
ETGI-359

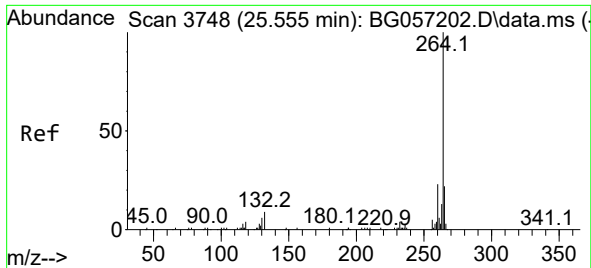
Tgt Ion:240 Resp: 134258
Ion Ratio Lower Upper
240 100
120 6.6 4.9 7.3
236 25.2 21.4 32.2



#79
Terphenyl-d14
Concen: 61.962 ng
RT: 20.280 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

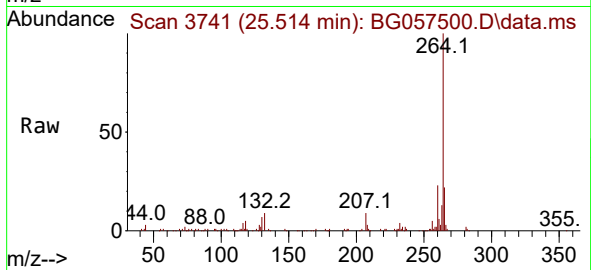
Tgt Ion:244 Resp: 509760
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 5.6 5.1 7.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.514 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Instrument :
BNA_G
ClientSampleId :
ETGI-359



Tgt Ion:264	Resp:	141418
Ion Ratio	Lower	Upper
264	100	
260	22.6	18.8 28.2
265	22.5	17.9 26.9

