

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111523\
 Data File : BG059710.D
 Acq On : 15 Nov 2023 21:47
 Operator : MA/JU
 Sample : 05267-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-320RE

Quant Time: Nov 16 02:52:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 08:14:53 2023
 Response via : Initial Calibration

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

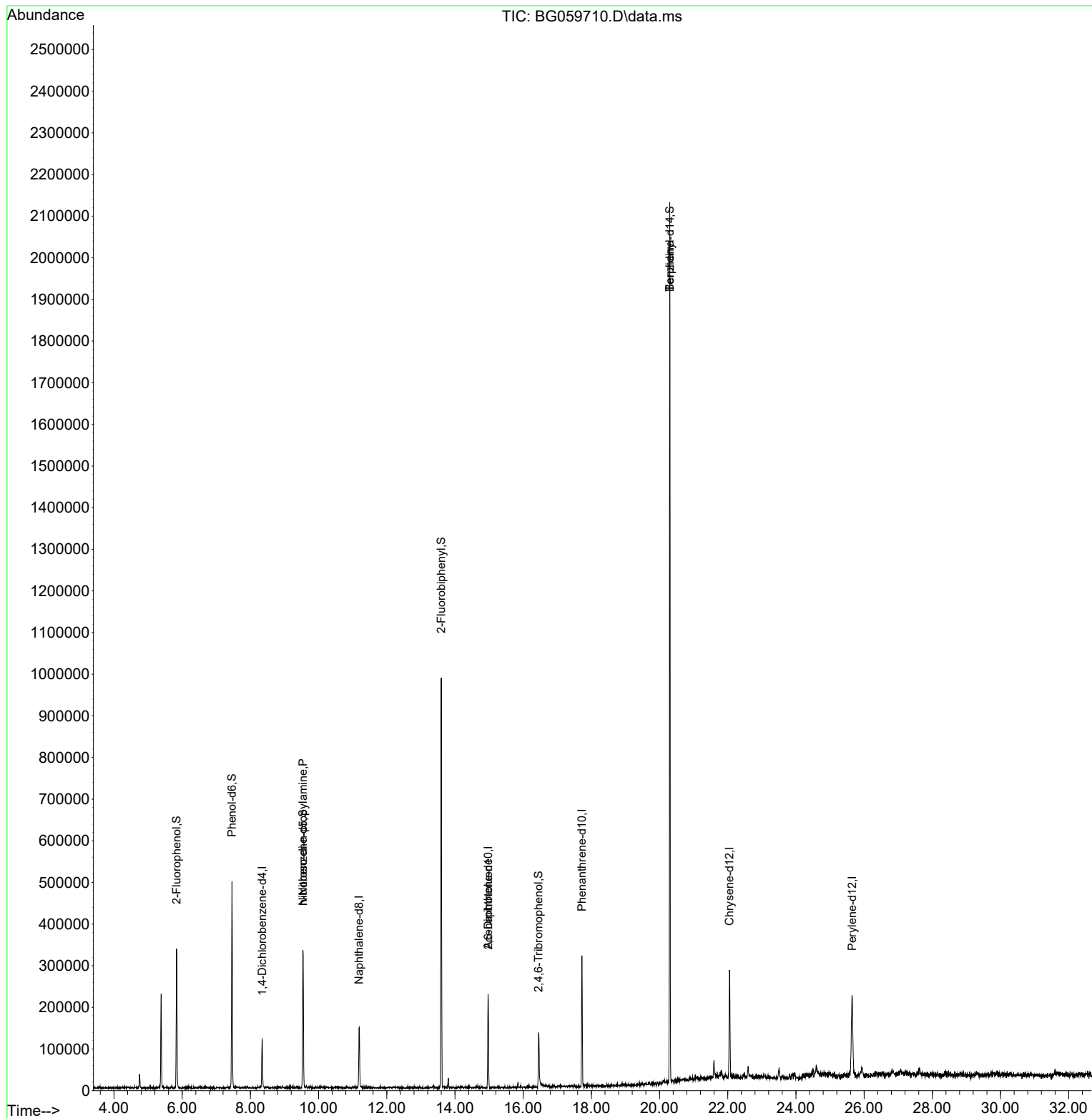
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	24203	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	107862	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	70565	20.000	ng	# 0.00
64) Phenanthrene-d10	17.721	188	184215	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	152954	20.000	ng	-0.01
86) Perylene-d12	25.647	264	235358	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	120256	85.779	ng	0.00
7) Phenol-d6	7.462	99	210380	99.300	ng	0.00
23) Nitrobenzene-d5	9.542	82	201075	80.140	ng	-0.01
42) 2,4,6-Tribromophenol	16.452	330	22316	28.022	ng	-0.01
45) 2-Fluorobiphenyl	13.596	172	406098	77.589	ng	0.00
79) Terphenyl-d14	20.300	244	835057	112.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.655	88	163	Below Cal	#	1
3) Pyridine	4.107	79	83	Below Cal	#	14
19) n-Nitroso-di-n-propyla...	9.542	70	32129	19.686	ng	# 76
51) 2,6-Dinitrotoluene	14.971	165	10886	10.494	ng	# 3
77) Benzidine	20.300	184	24218	9.371	ng	# 90
78) Pyrene	20.124	202	1516	Below Cal	#	70

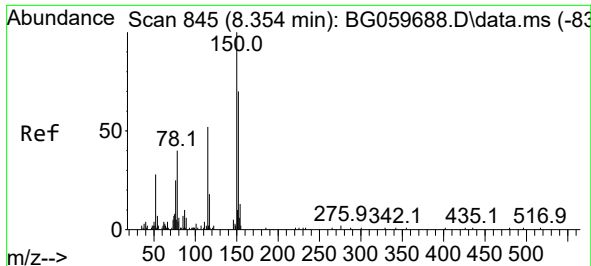
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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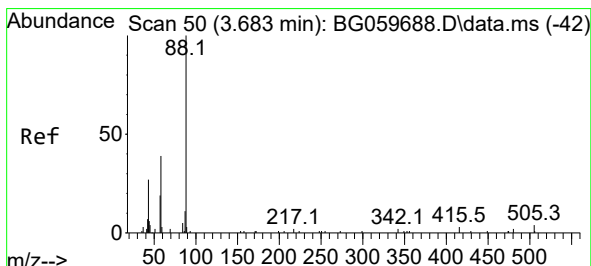
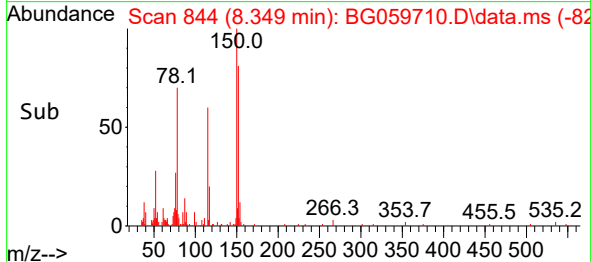
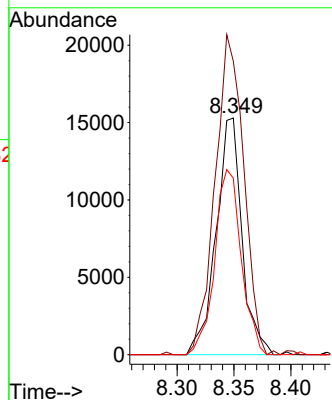
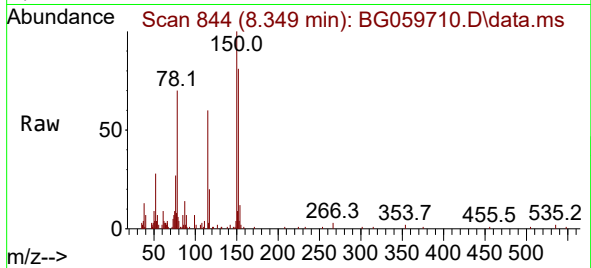




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

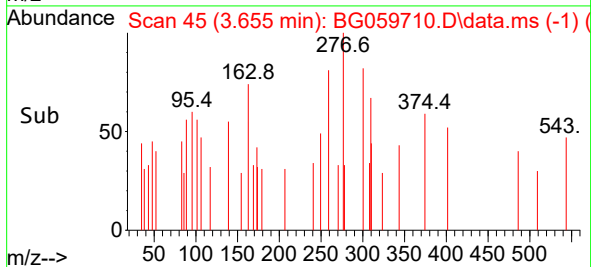
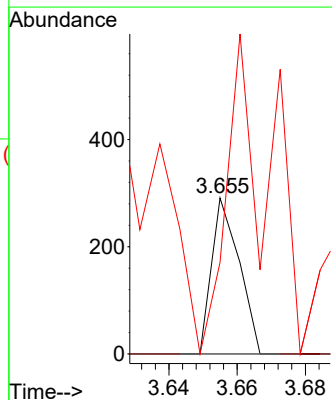
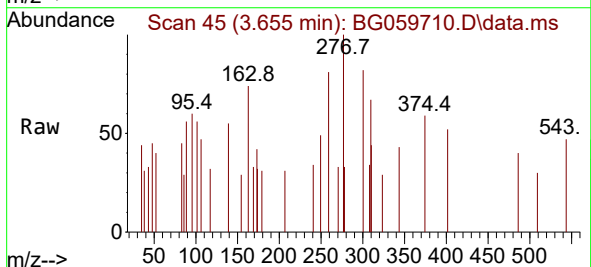
Instrument :
BNA_G
ClientSampleId :
ETGI-320RE

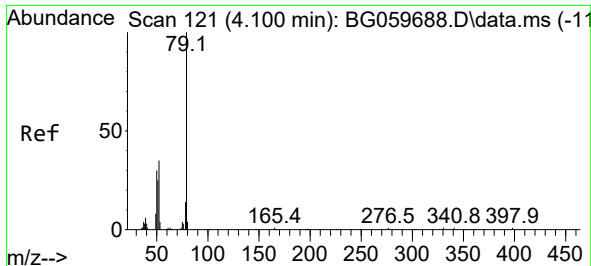
Tgt Ion:152 Resp: 24203
Ion Ratio Lower Upper
152 100
150 124.0 113.9 170.9
115 74.6 59.4 89.2



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.655 min Scan# 45
Delta R.T. -0.028 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

Tgt Ion: 88 Resp: 163
Ion Ratio Lower Upper
88 100
58 0.0 30.5 45.7#
43 314.7 17.7 26.5#

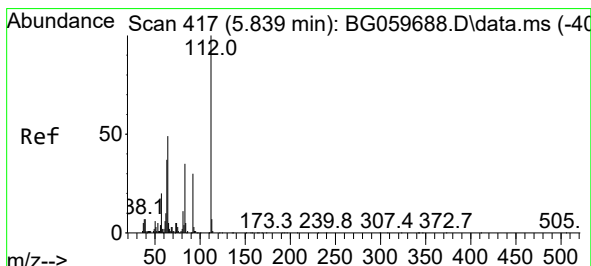
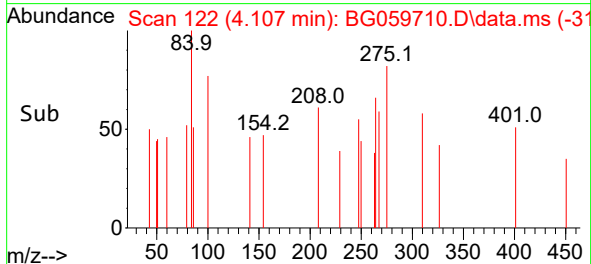
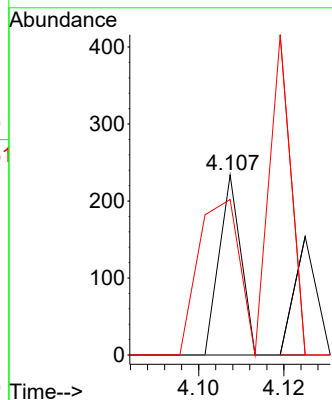
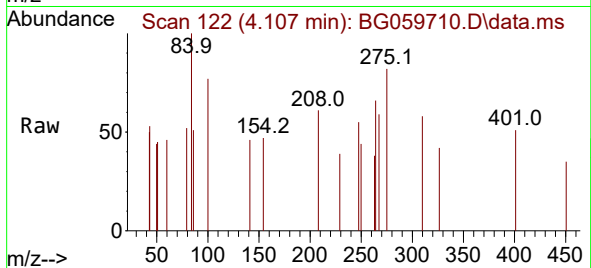




#3
Pyridine
Concen: Below Cal
RT: 4.107 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

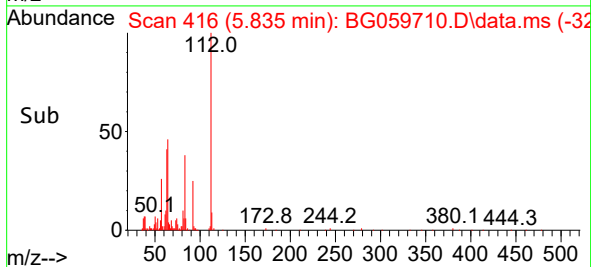
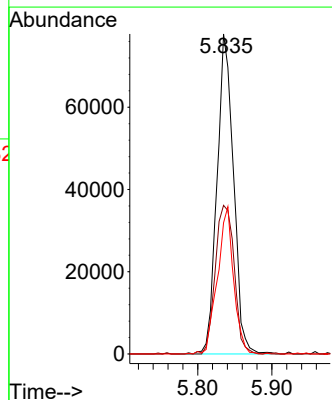
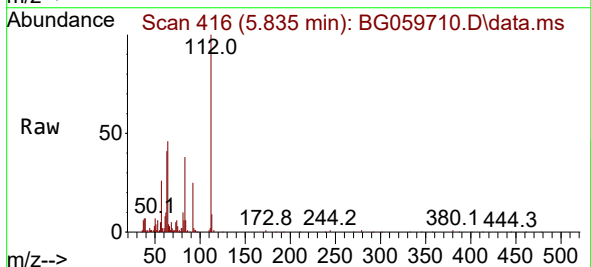
Instrument :
BNA_G
ClientSampleId :
ETGI-320RE

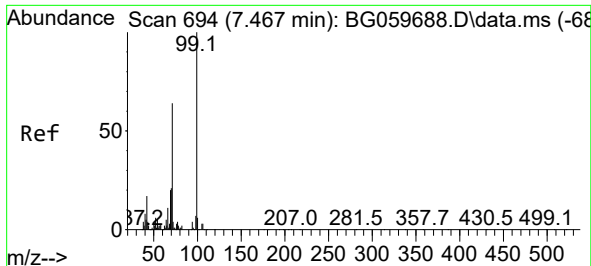
Tgt Ion: 79 Resp: 83
Ion Ratio Lower Upper
79 100
52 0.0 27.8 41.8#
51 86.3 20.2 30.2#



#5
2-Fluorophenol
Concen: 85.779 ng
RT: 5.835 min Scan# 416
Delta R.T. -0.005 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

Tgt Ion: 112 Resp: 120256
Ion Ratio Lower Upper
112 100
64 46.4 39.0 58.6
63 41.0 29.8 44.6

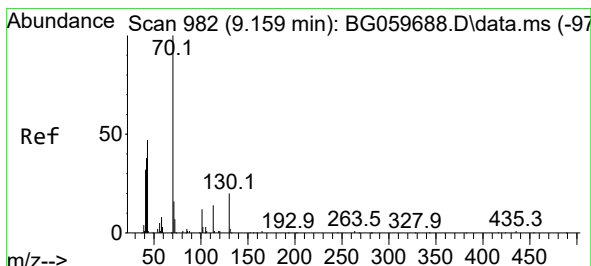
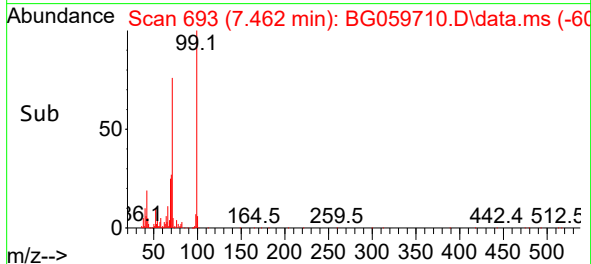
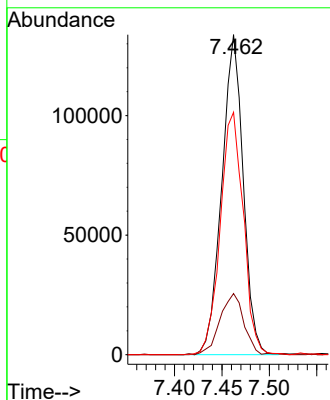
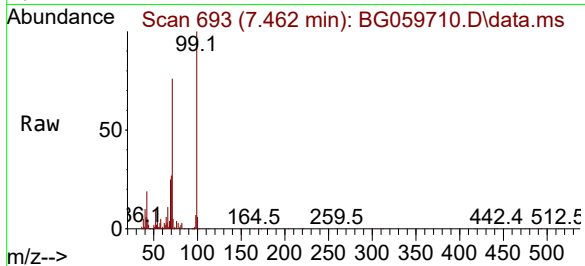




#7
Phenol-d6
Concen: 99.300 ng
RT: 7.462 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

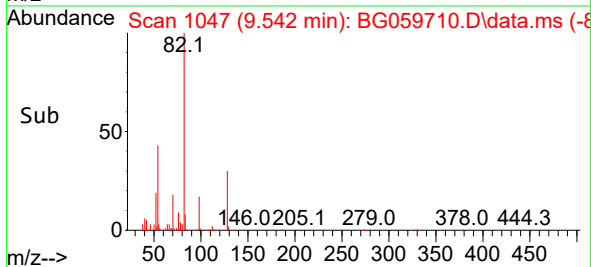
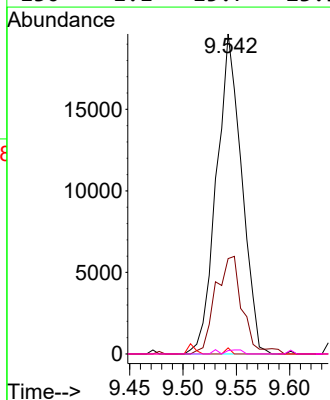
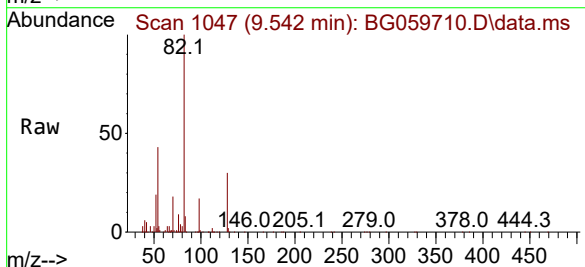
Instrument :
BNA_G
ClientSampleId :
ETGI-320RE

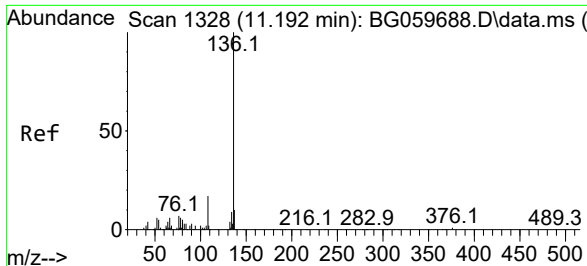
Tgt Ion: 99 Resp: 210380
Ion Ratio Lower Upper
99 100
42 19.1 13.2 19.8
71 75.8 51.3 76.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.686 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.383 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

Tgt Ion: 70 Resp: 32129
Ion Ratio Lower Upper
70 100
42 29.8 30.8 46.2#
101 1.9 9.4 14.2#
130 1.1 15.7 23.5#

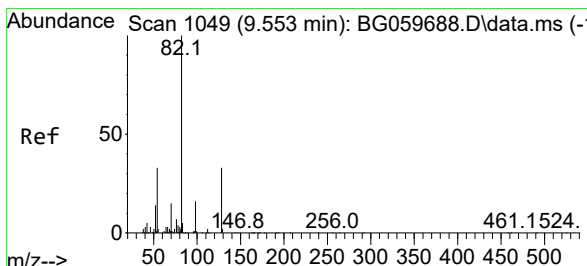
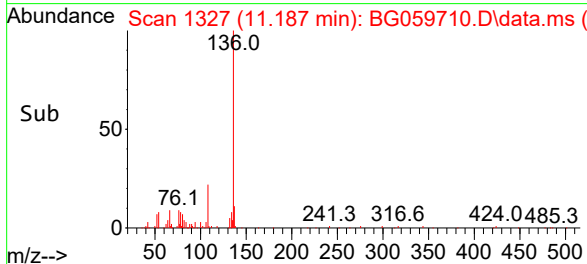
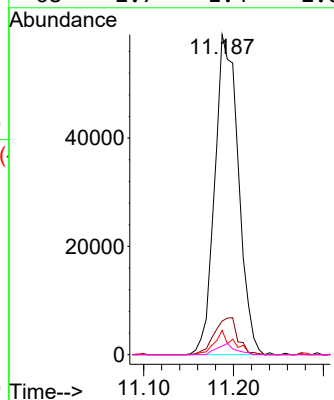
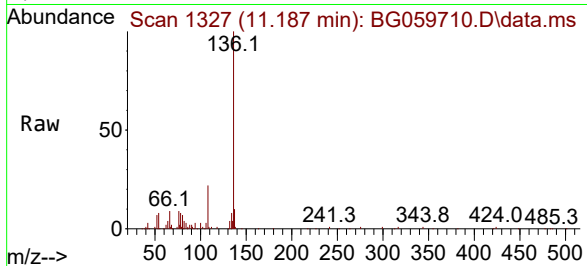




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

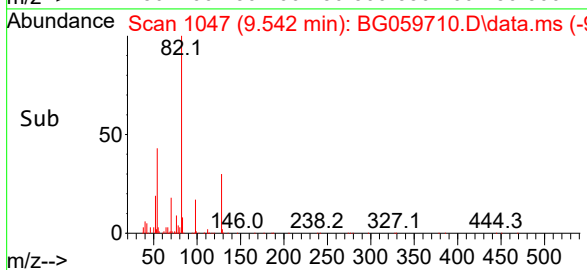
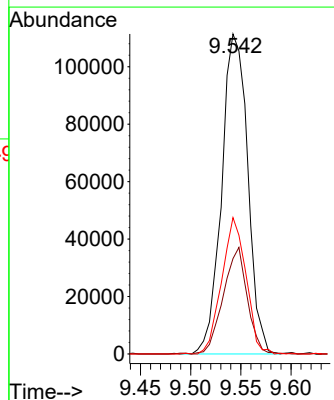
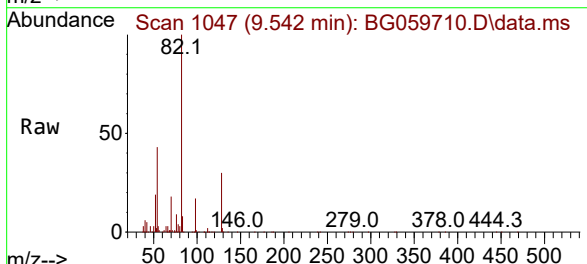
Instrument :
BNA_G
ClientSampleId :
ETGI-320RE

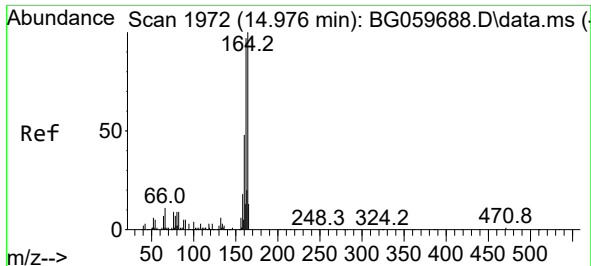
Tgt Ion:136 Resp: 107862
Ion Ratio Lower Upper
136 100
137 10.5 7.7 11.5
54 7.6 4.2 6.2#
68 2.7 1.4 2.0#



#23
Nitrobenzene-d5
Concen: 80.140 ng
RT: 9.542 min Scan# 1047
Delta R.T. -0.011 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

Tgt Ion: 82 Resp: 201075
Ion Ratio Lower Upper
82 100
128 29.8 26.3 39.5
54 42.6 26.6 39.8#

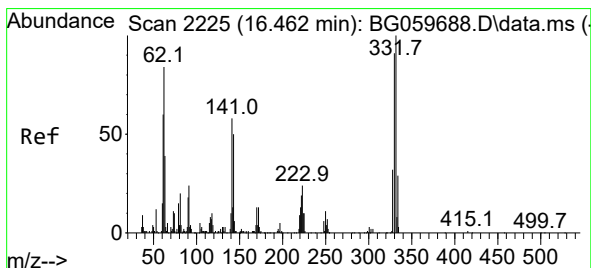
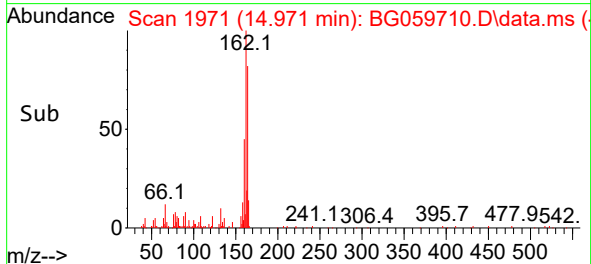
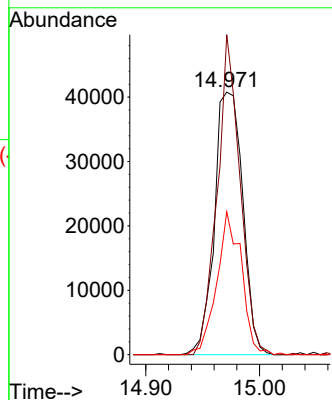
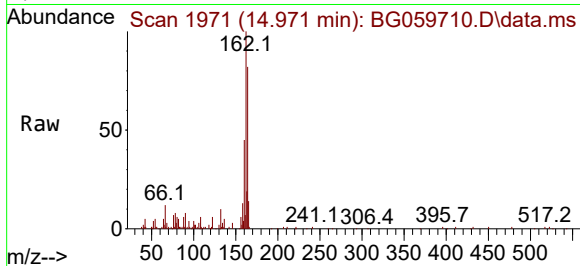




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

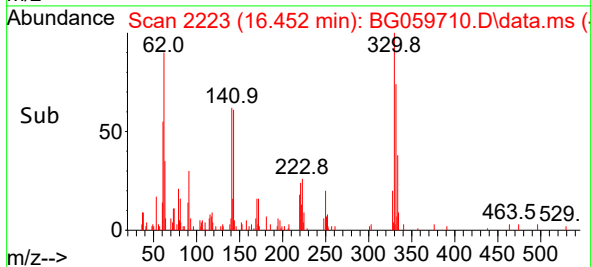
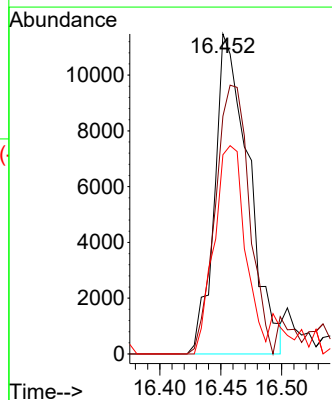
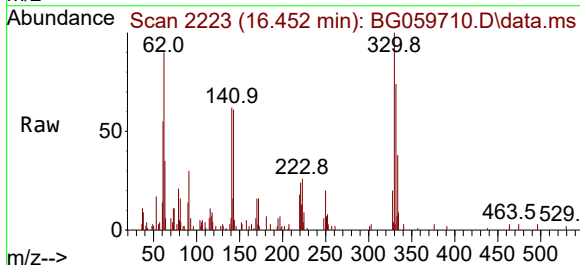
Instrument :
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ClientSampleId :
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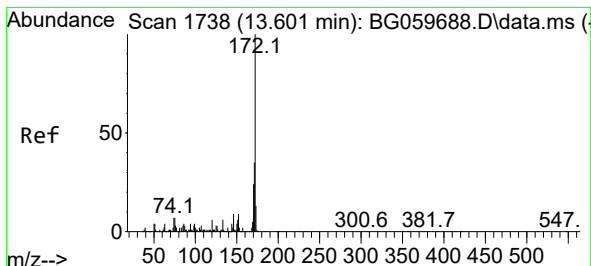
Tgt Ion:164 Resp: 70565
Ion Ratio Lower Upper
164 100
162 121.9 77.8 116.6#
160 54.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 28.022 ng
RT: 16.452 min Scan# 2223
Delta R.T. -0.011 min
Lab File: BG059710.D
Acq: 15 Nov 2023 21:47

Tgt Ion:330 Resp: 22316
Ion Ratio Lower Upper
330 100
332 83.7 80.7 121.1
141 59.7 51.0 76.6





#45

2-Fluorobiphenyl

Concen: 77.589 ng

RT: 13.596 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059710.D

Acq: 15 Nov 2023 21:47

Instrument :

BNA_G

ClientSampleId :

ETGI-320RE

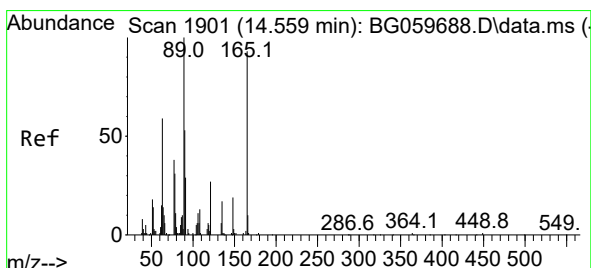
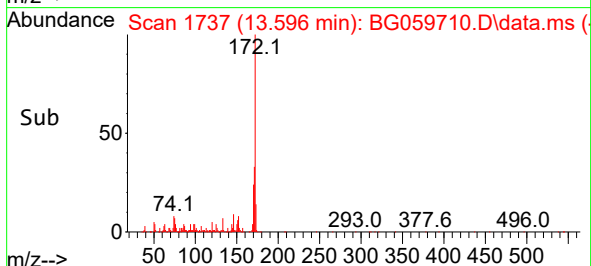
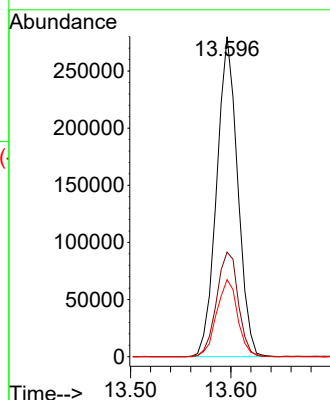
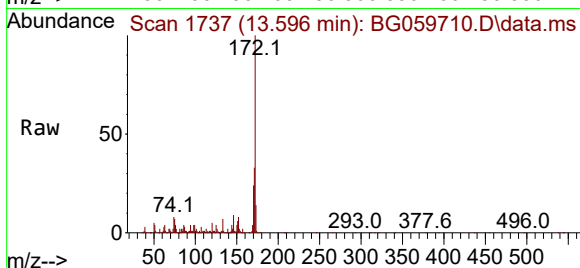
Tgt Ion:172 Resp: 406098

Ion Ratio Lower Upper

172 100

171 32.7 27.9 41.9

170 24.1 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 10.494 ng

RT: 14.971 min Scan# 1971

Delta R.T. 0.412 min

Lab File: BG059710.D

Acq: 15 Nov 2023 21:47

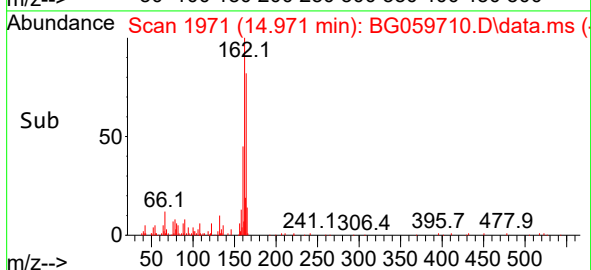
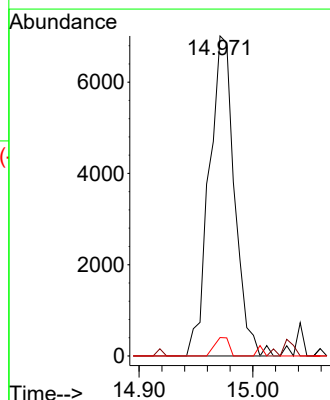
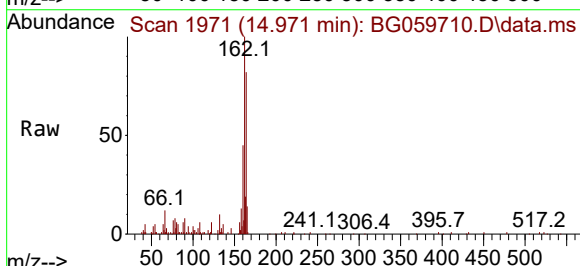
Tgt Ion:165 Resp: 10886

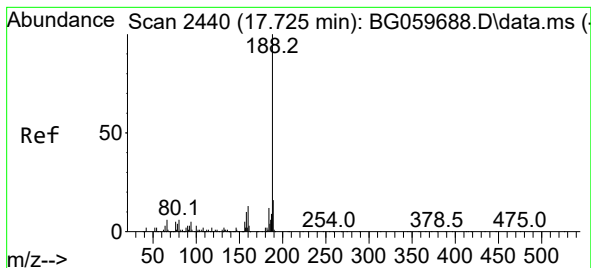
Ion Ratio Lower Upper

165 100

63 0.0 73.6 110.4#

89 5.8 87.0 130.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.721 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BG059710.D

Acq: 15 Nov 2023 21:47

Instrument :

BNA_G

ClientSampleId :

ETGI-320RE

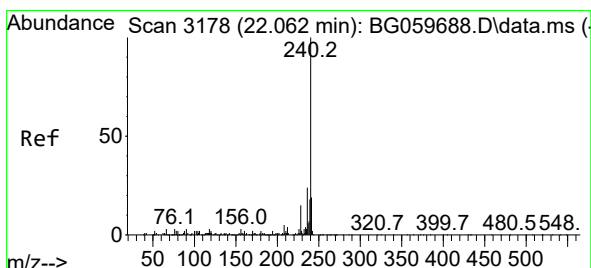
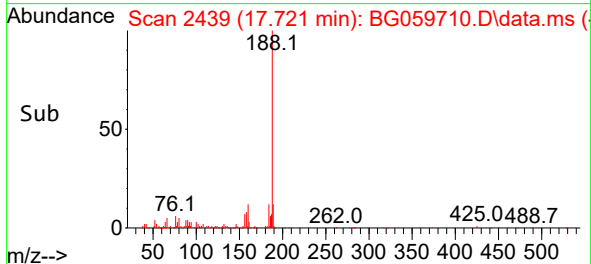
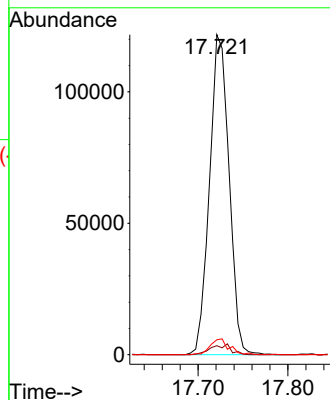
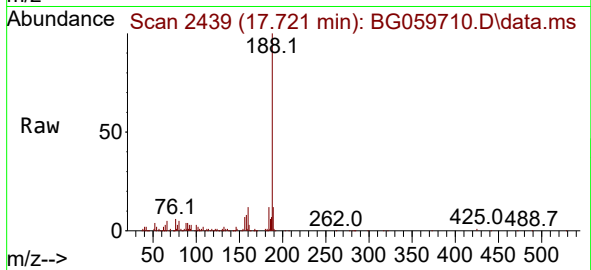
Tgt Ion:188 Resp: 184215

Ion Ratio Lower Upper

188 100

94 2.8 3.9 5.9#

80 4.6 4.5 6.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.051 min Scan# 3176

Delta R.T. -0.011 min

Lab File: BG059710.D

Acq: 15 Nov 2023 21:47

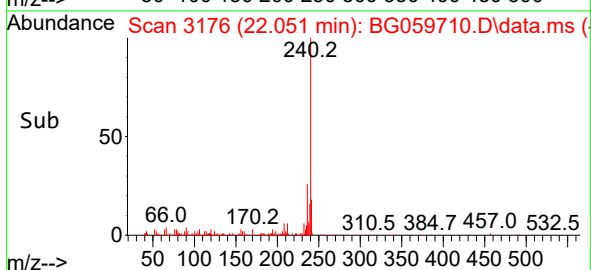
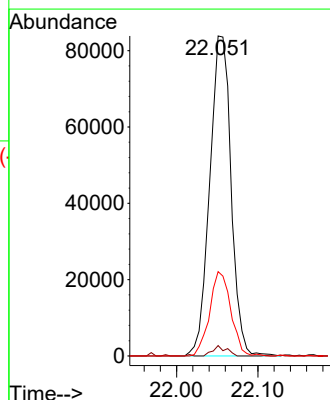
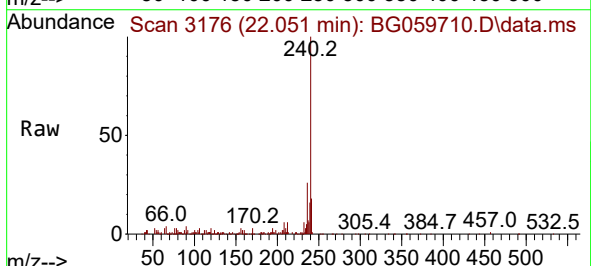
Tgt Ion:240 Resp: 152954

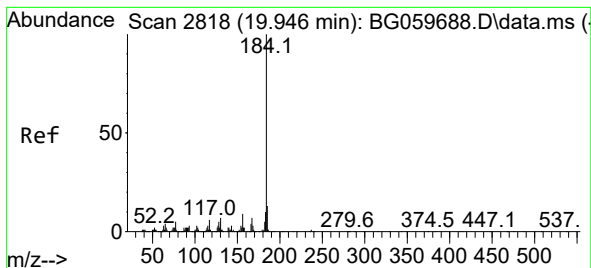
Ion Ratio Lower Upper

240 100

120 3.3 2.6 3.8

236 26.3 19.4 29.0





#77

Benzidine

Concen: 9.371 ng

RT: 20.300 min Scan# 2818

Delta R.T. 0.354 min

Lab File: BG059710.D

Acq: 15 Nov 2023 21:47

Instrument :

BNA_G

ClientSampleId :

ETGI-320RE

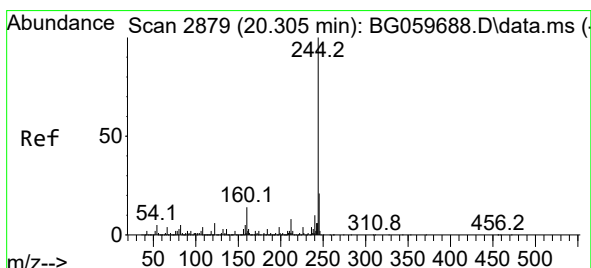
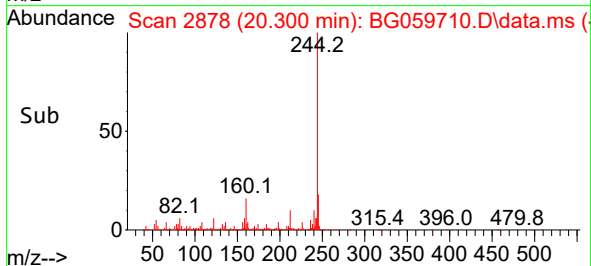
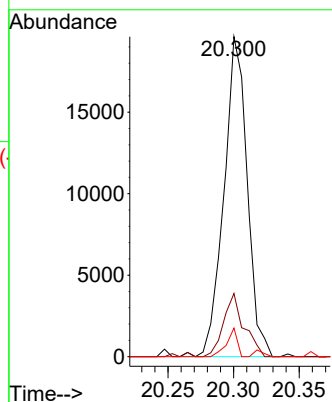
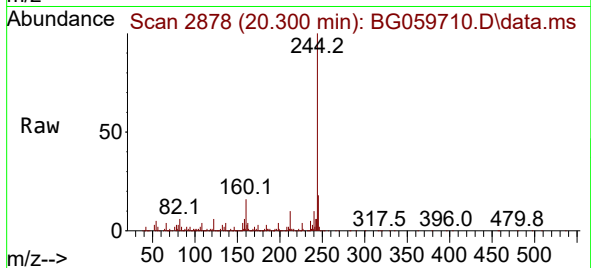
Tgt Ion:184 Resp: 24218

Ion Ratio Lower Upper

184 100

185 19.7 10.7 16.1#

183 9.0 7.8 11.6



#79

Terphenyl-d14

Concen: 112.642 ng

RT: 20.300 min Scan# 2878

Delta R.T. -0.005 min

Lab File: BG059710.D

Acq: 15 Nov 2023 21:47

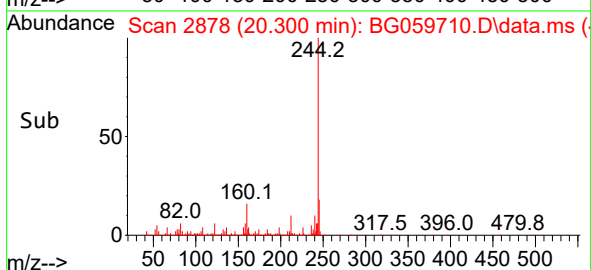
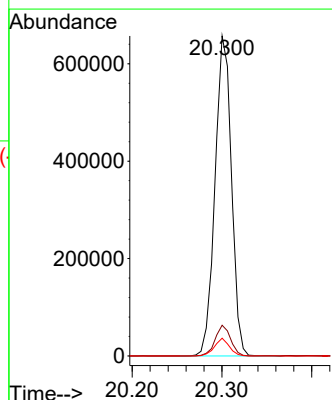
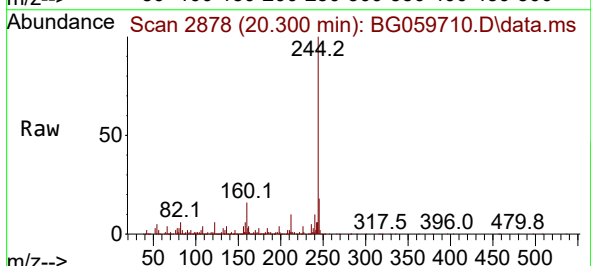
Tgt Ion:244 Resp: 835057

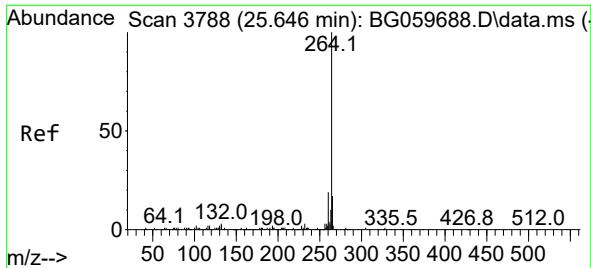
Ion Ratio Lower Upper

244 100

212 9.6 6.6 9.8

122 5.6 4.6 6.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.647 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BG059710.D
 Acq: 15 Nov 2023 21:47

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-320RE

Tgt Ion:264 Resp: 235358
 Ion Ratio Lower Upper
 264 100
 260 23.1 15.6 23.4
 265 23.5 13.4 20.2#

