

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053762.D
 Acq On : 28 May 2022 22:31
 Operator : CG/JU
 Sample : N3055-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-329

Quant Time: May 29 02:20:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

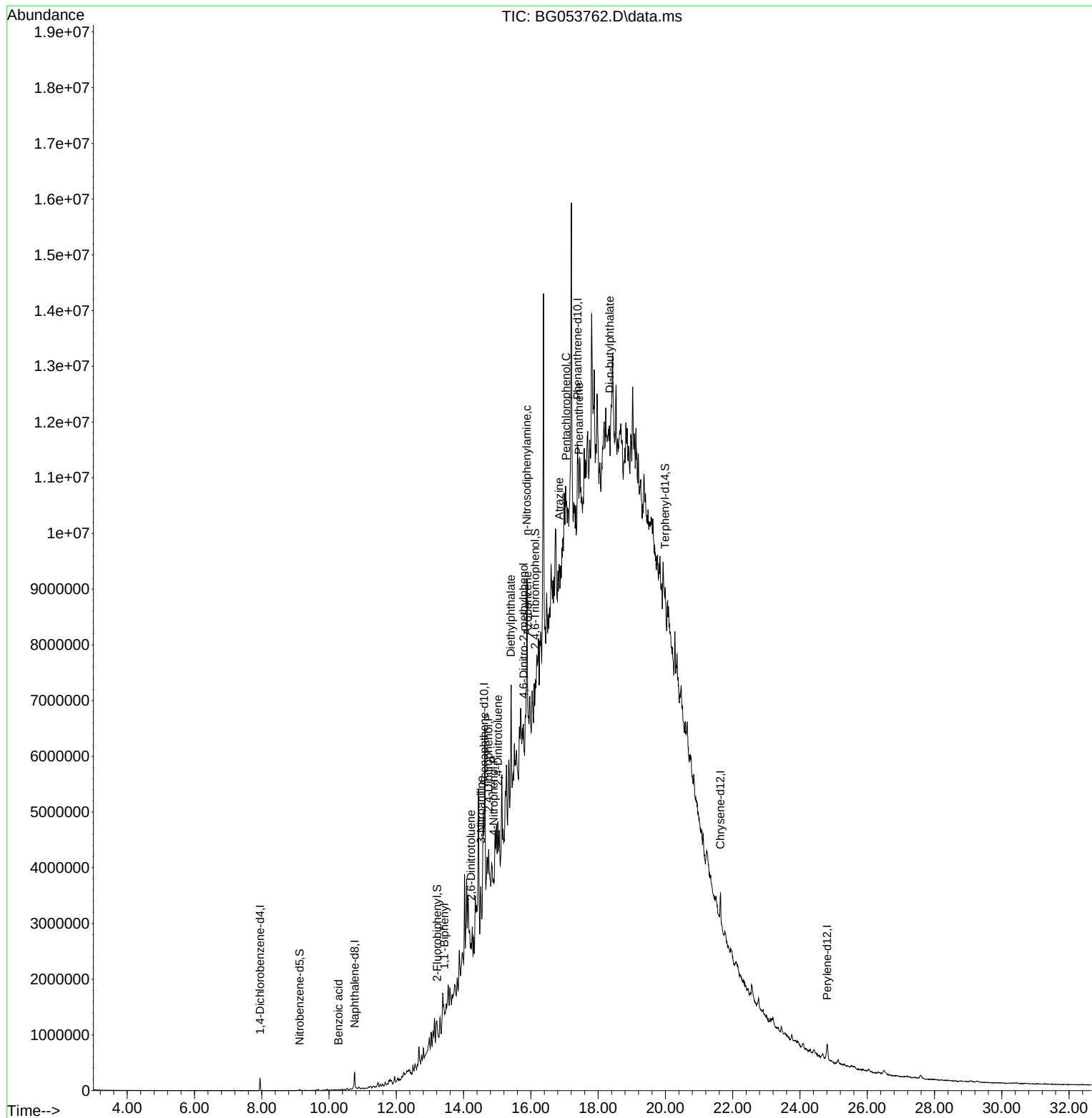
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	64411	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	236632	20.000	ng	# 0.00
39) Acenaphthene-d10	14.608	164	136959	20.000	ng	0.01
64) Phenanthrene-d10	17.387	188	273935	20.000	ng	# 0.04
76) Chrysene-d12	21.634	240	263797	20.000	ng	# 0.02
86) Perylene-d12	24.806	264	289211	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	426	0.112	ng	0.02
7) Phenol-d6	7.166	99	6964	1.209	ng	0.01
23) Nitrobenzene-d5	9.122	82	16161	2.907	ng	0.00
42) 2,4,6-Tribromophenol	16.124	330	13709	6.787	ng	0.03
45) 2-Fluorobiphenyl	13.216	172	59381	6.336	ng	0.00
79) Terphenyl-d14	19.989	244	93990	6.636	ng	0.04
Target Compounds						Qvalue
32) Benzoic acid	10.279	122	109	8.530	ng	# 37
46) 1,1'-Biphenyl	13.428	154	23548	2.522	ng	83
51) 2,6-Dinitrotoluene	14.221	165	20983	9.896	ng	# 29
53) 3-Nitroaniline	14.514	138	23094	10.080	ng	# 30
54) 2,4-Dinitrophenol	14.738	184	211	6.389	ng	# 1
56) 4-Nitrophenol	14.890	139	3765	2.301	ng	# 1
57) 2,4-Dinitrotoluene	15.025	165	12118	3.943	ng	# 49
60) Diethylphthalate	15.407	149	62402	5.804	ng	# 44
63) Azobenzene	15.901	77	25470	2.314	ng	# 40
65) 4,6-Dinitro-2-methylph...	15.789	198	5116	3.134	ng	# 1
66) n-Nitrosodiphenylamine	15.883	169	45308	6.300	ng	# 63
69) Atrazine	16.841	200	28392	9.377	ng	# 1
70) Pentachlorophenol	17.046	266	2185	5.741	ng	# 24
71) Phenanthrene	17.428	178	51724	3.713	ng	# 1
74) Di-n-butylphthalate	18.345	149	34057	2.257	ng	# 28

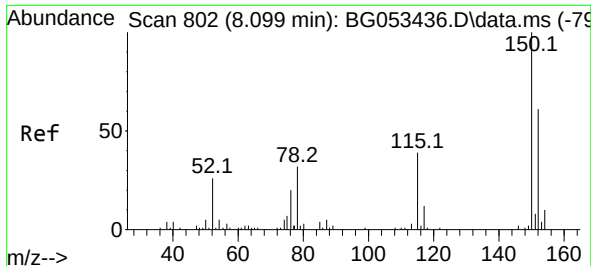
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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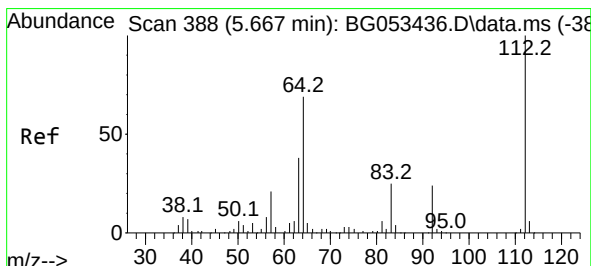
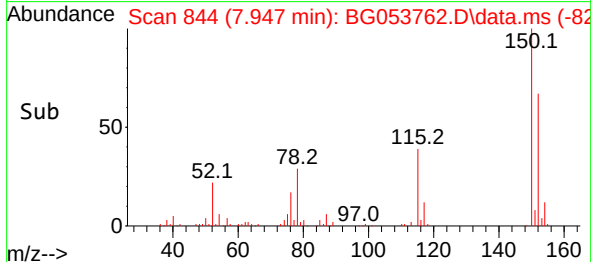
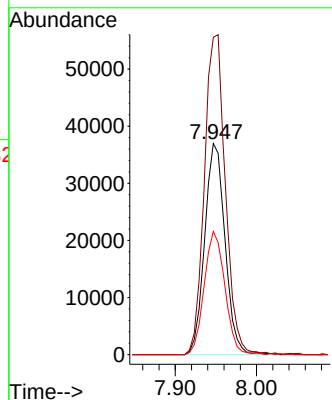
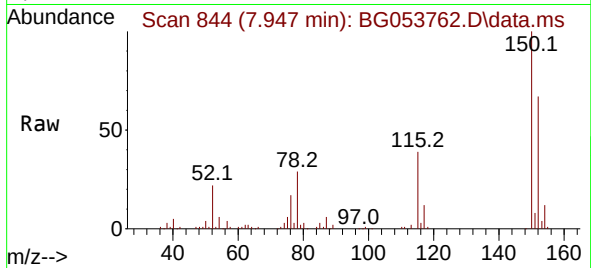




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

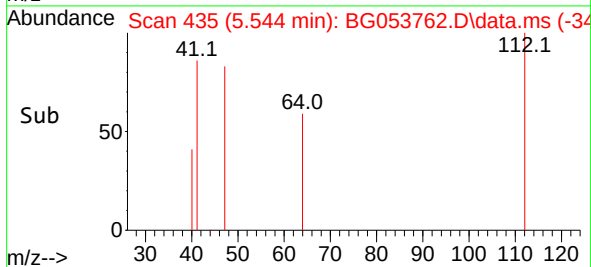
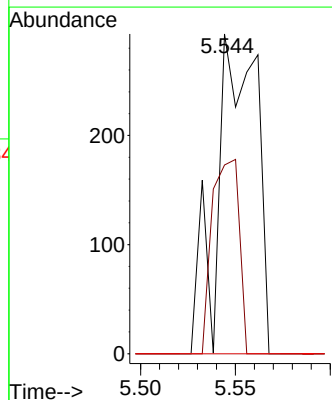
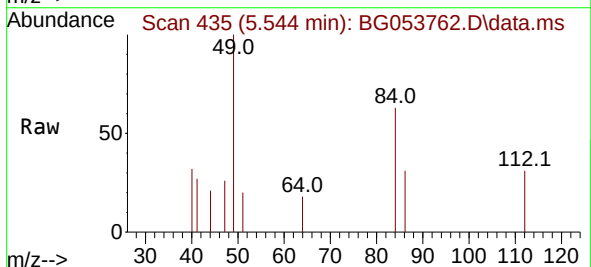
Instrument :
BNA_G
ClientSampleId :
ETGI-329

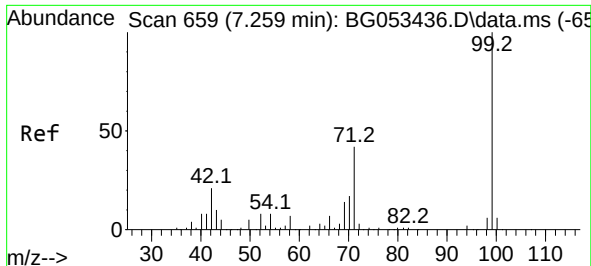
Tgt Ion:152 Resp: 64411
Ion Ratio Lower Upper
152 100
150 150.3 131.6 197.4
115 58.3 50.9 76.3



#5
2-Fluorophenol
Concen: 0.112 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.019 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:112 Resp: 426
Ion Ratio Lower Upper
112 100
64 59.0 55.1 82.7
63 0.0 30.4 45.6#

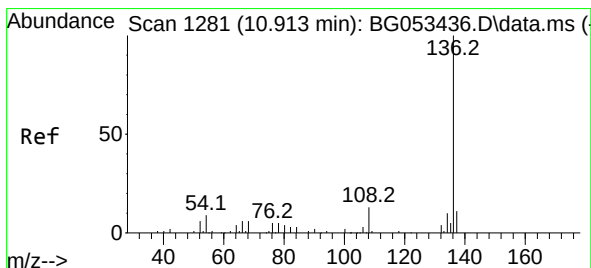
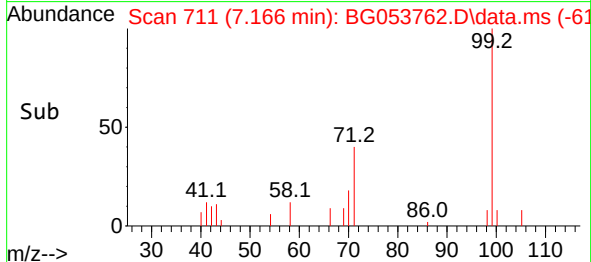
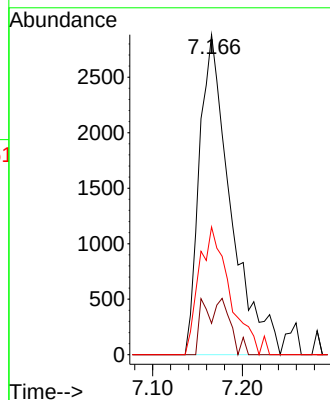
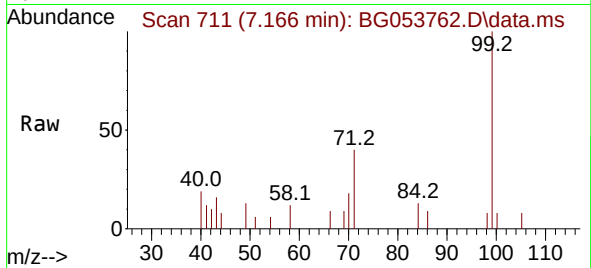




#7
Phenol-d6
Concen: 1.209 ng
RT: 7.166 min Scan# 71
Delta R.T. 0.013 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

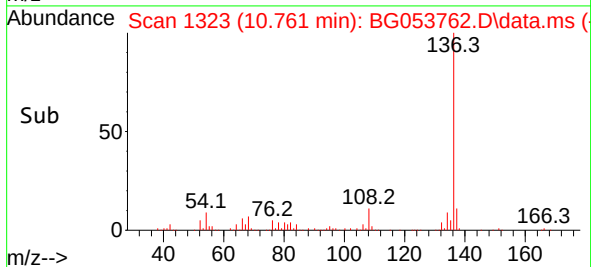
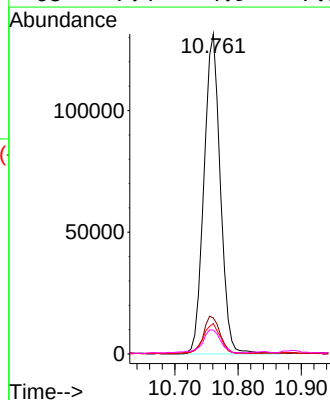
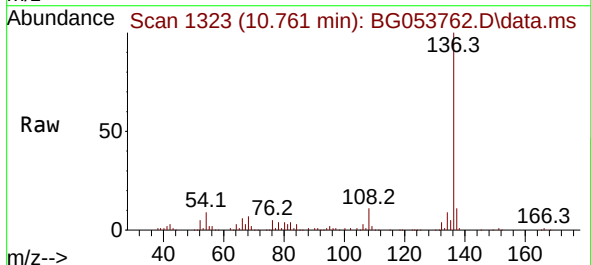
Instrument :
BNA_G
ClientSampleId :
ETGI-329

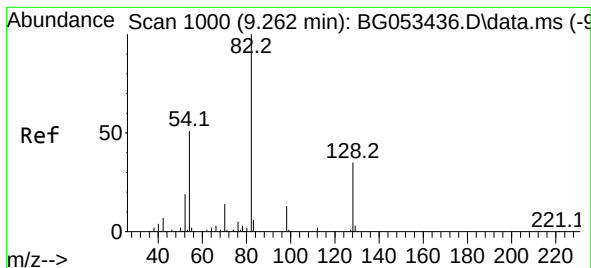
Tgt Ion: 99 Resp: 6964
Ion Ratio Lower Upper
99 100
42 9.8 17.0 25.6#
71 39.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion: 136 Resp: 236632
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.5 7.4 11.2
68 7.4 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 2.907 ng

RT: 9.122 min Scan# 1044

Delta R.T. 0.001 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

Instrument :

BNA_G

ClientSampleId :

ETGI-329

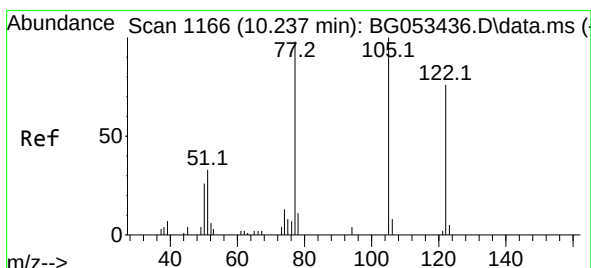
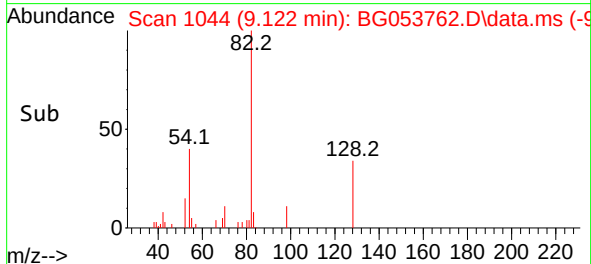
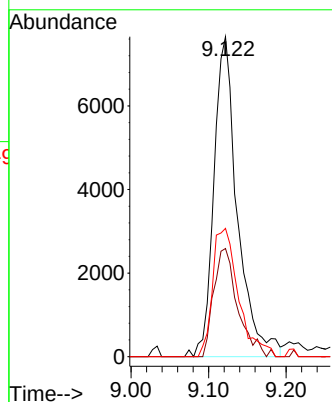
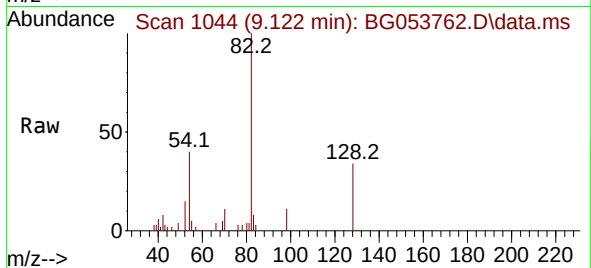
Tgt Ion: 82 Resp: 16161

Ion Ratio Lower Upper

82 100

128 33.8 27.9 41.9

54 40.1 41.2 61.8#



#32

Benzoic acid

Concen: 8.530 ng

RT: 10.279 min Scan# 1241

Delta R.T. 0.125 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

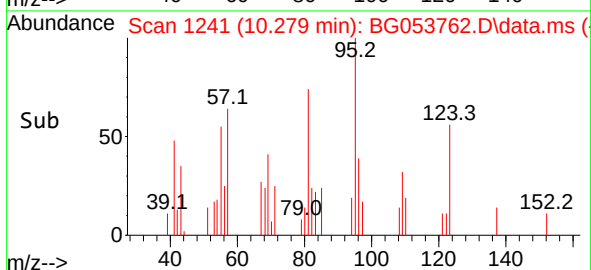
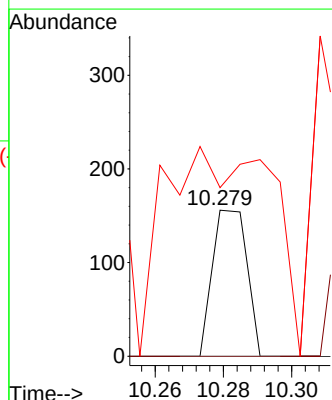
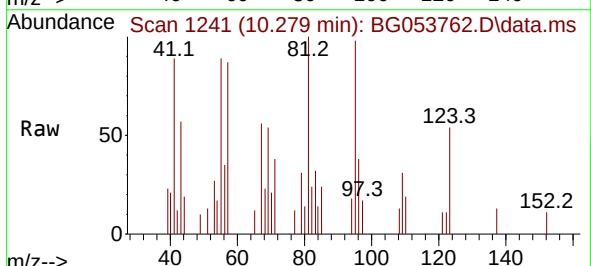
Tgt Ion: 122 Resp: 109

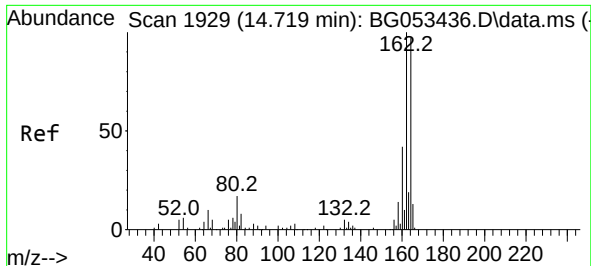
Ion Ratio Lower Upper

122 100

105 0.0 111.8 151.8#

77 115.4 109.4 149.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.608 min Scan# 11

Delta R.T. 0.013 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

Instrument :

BNA_G

ClientSampleId :

ETGI-329

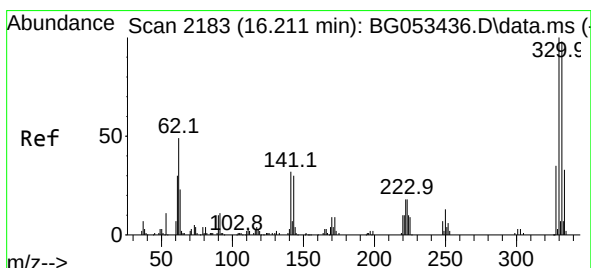
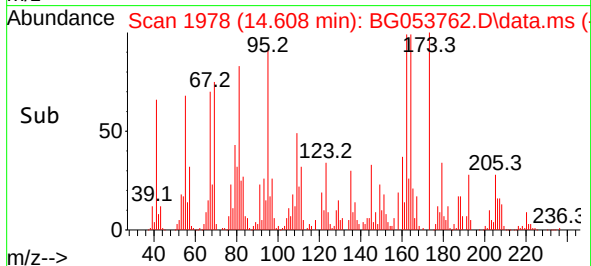
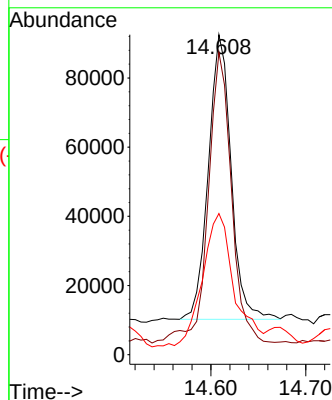
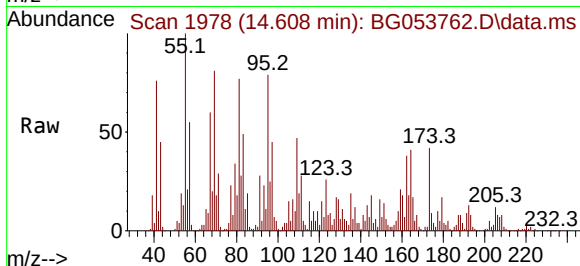
Tgt Ion:164 Resp: 136959

Ion Ratio Lower Upper

164 100

162 94.5 82.3 123.5

160 44.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 6.787 ng

RT: 16.124 min Scan# 2236

Delta R.T. 0.031 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

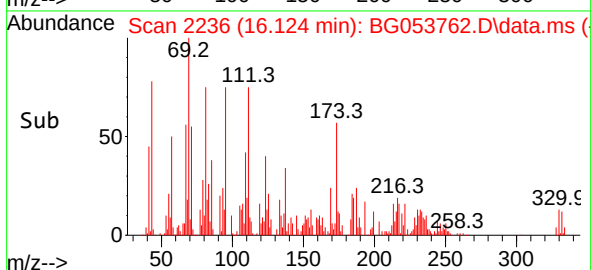
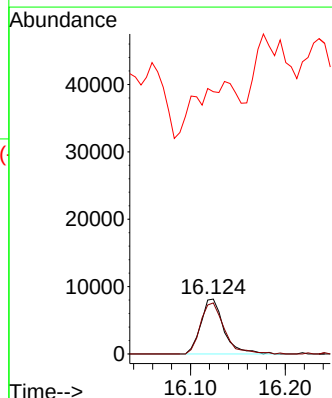
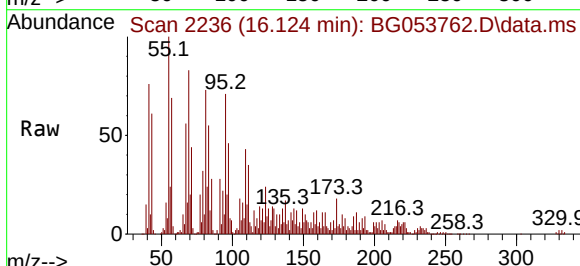
Tgt Ion:330 Resp: 13709

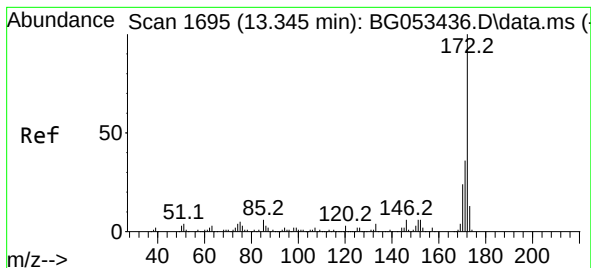
Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 183.6 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 6.336 ng

RT: 13.216 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

Instrument :

BNA_G

ClientSampleId :

ETGI-329

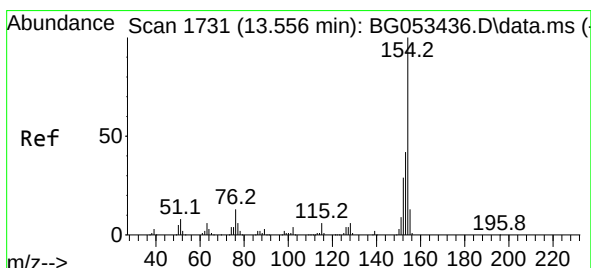
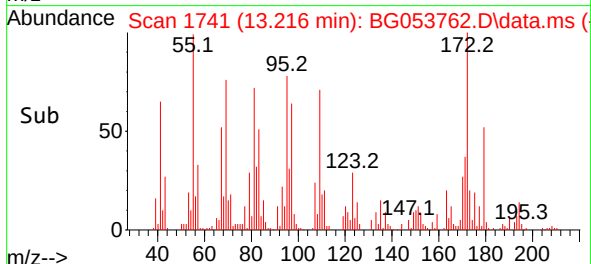
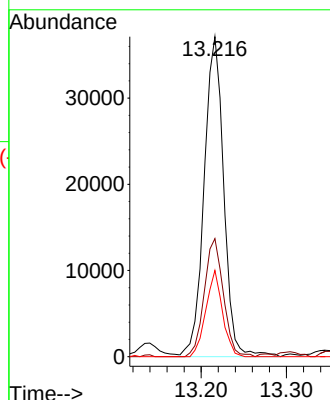
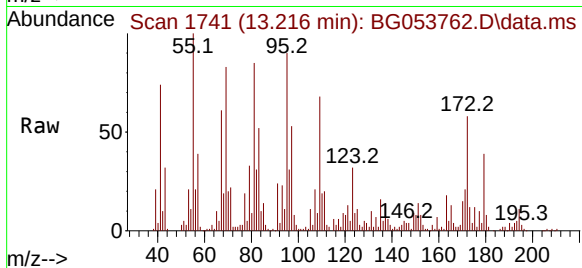
Tgt Ion:172 Resp: 59381

Ion Ratio Lower Upper

172 100

171 36.9 28.5 42.7

170 26.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 2.522 ng

RT: 13.428 min Scan# 1777

Delta R.T. 0.001 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

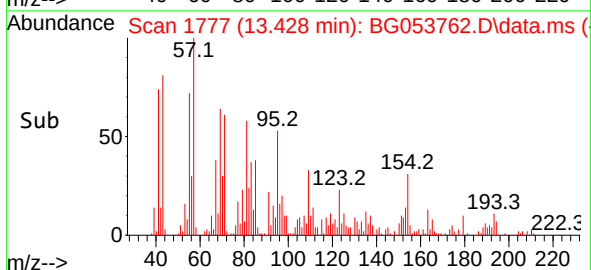
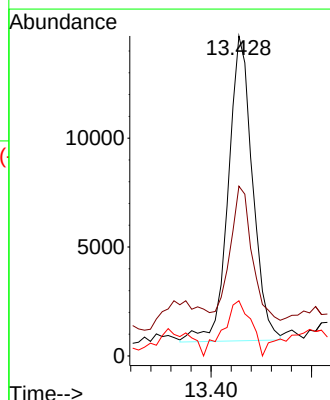
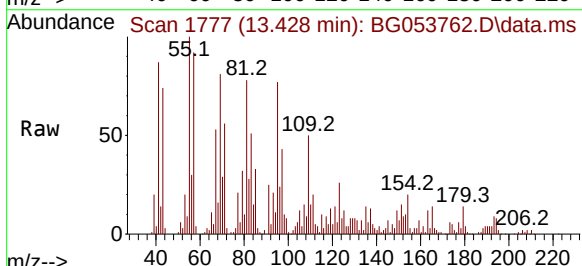
Tgt Ion:154 Resp: 23548

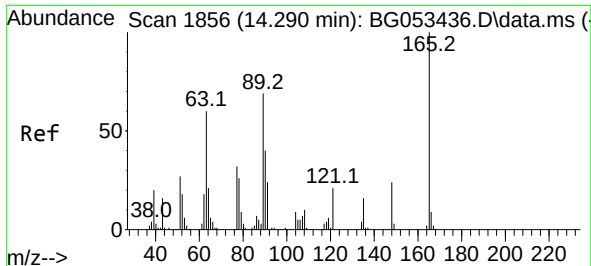
Ion Ratio Lower Upper

154 100

153 53.1 21.6 61.6

76 17.3 0.0 32.6





#51

2,6-Dinitrotoluene

Concen: 9.896 ng

RT: 14.221 min Scan# 1912

Delta R.T. 0.048 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

Instrument :

BNA_G

ClientSampleId :

ETGI-329

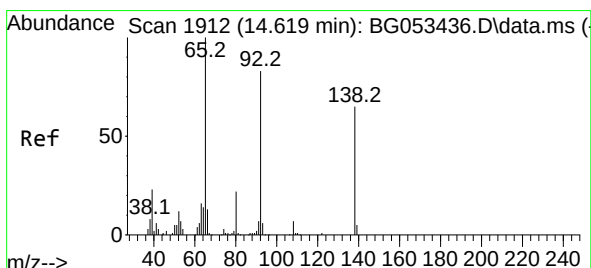
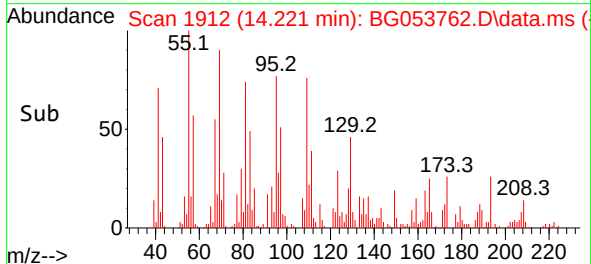
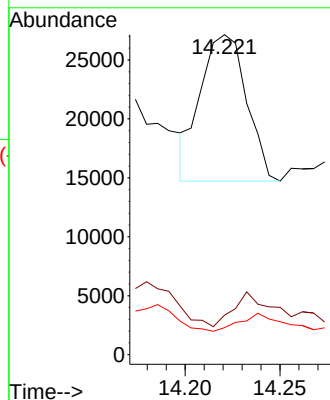
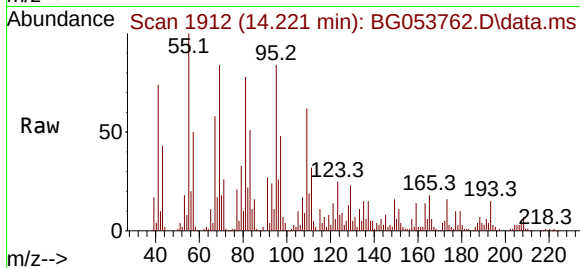
Tgt Ion:165 Resp: 20983

Ion Ratio Lower Upper

165 100

63 12.4 54.1 81.1#

89 8.4 54.8 82.2#



#53

3-Nitroaniline

Concen: 10.080 ng

RT: 14.514 min Scan# 1962

Delta R.T. 0.001 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

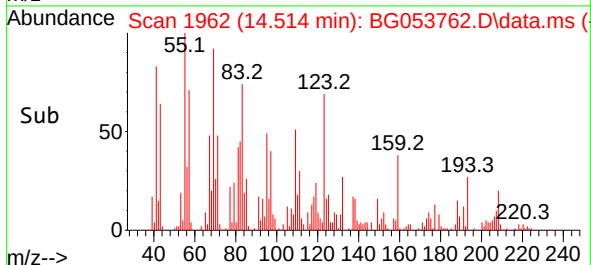
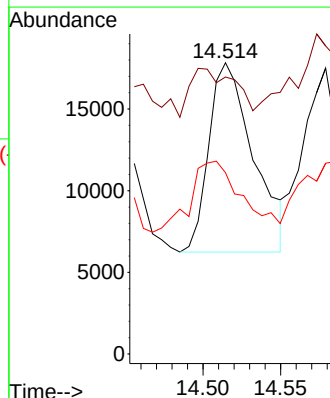
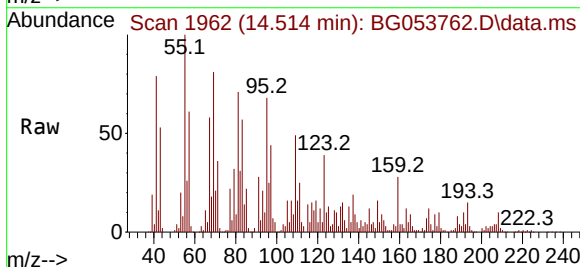
Tgt Ion:138 Resp: 23094

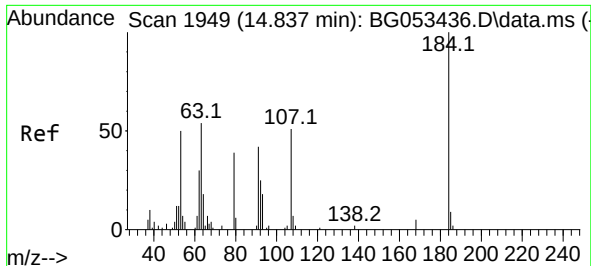
Ion Ratio Lower Upper

138 100

108 95.1 9.2 13.8#

92 62.3 101.9 152.9#

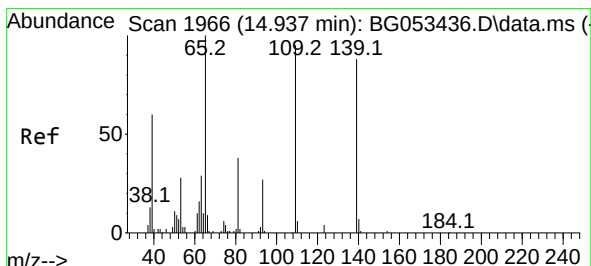
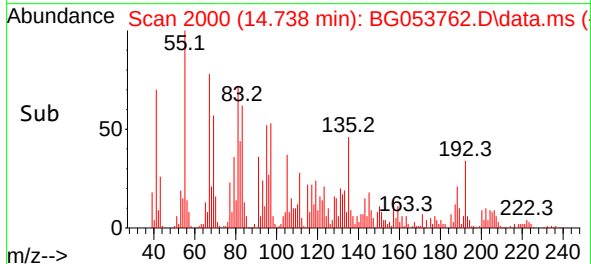
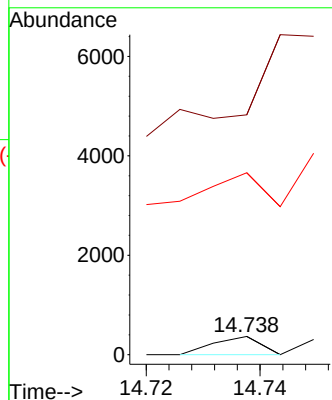
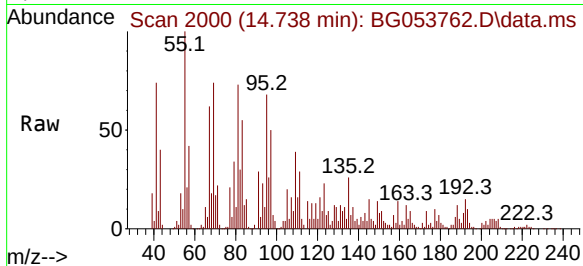




#54
2,4-Dinitrophenol
Concen: 6.389 ng
RT: 14.738 min Scan# 2026
Delta R.T. 0.001 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

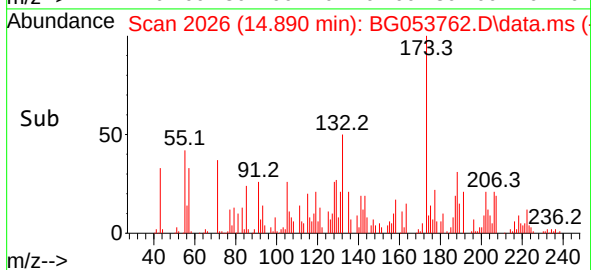
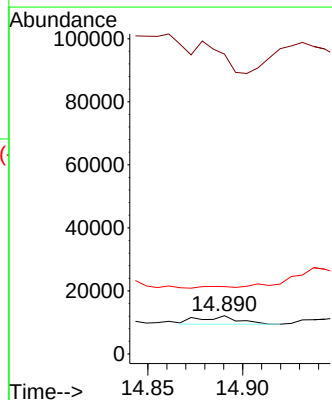
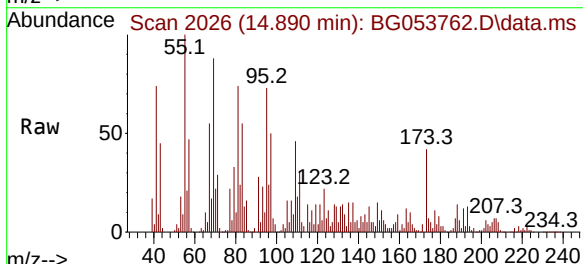
Instrument :
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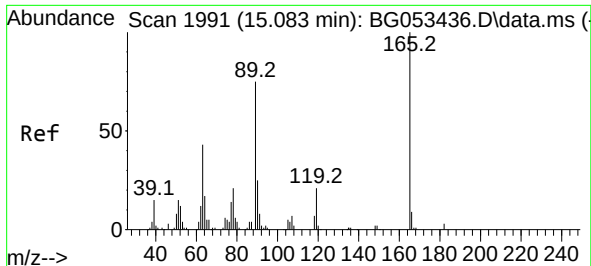
Tgt Ion:184 Resp: 211
Ion Ratio Lower Upper
184 100
63 1315.3 61.1 91.7#
154 997.0 60.6 91.0#



#56
4-Nitrophenol
Concen: 2.301 ng
RT: 14.890 min Scan# 2026
Delta R.T. 0.019 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:139 Resp: 3765
Ion Ratio Lower Upper
139 100
109 784.2 88.5 128.5#
65 176.2 93.9 133.9#

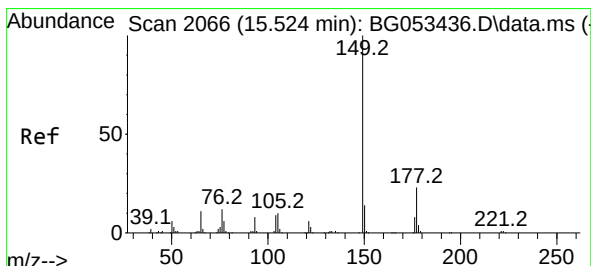
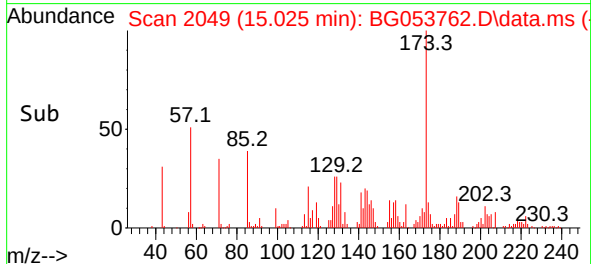
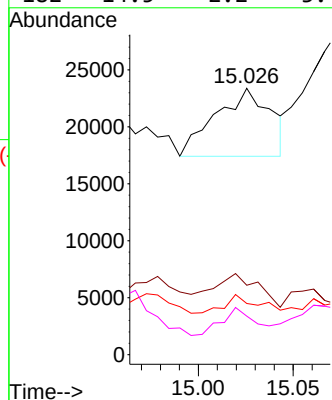
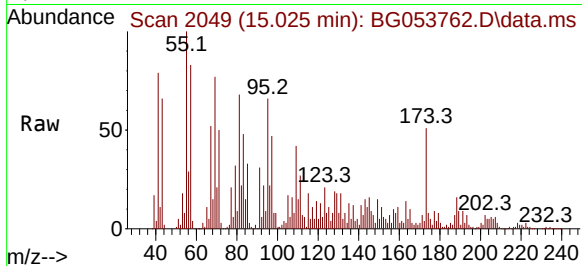




#57
2,4-Dinitrotoluene
Concen: 3.943 ng
RT: 15.025 min Scan# 2049
Delta R.T. 0.060 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

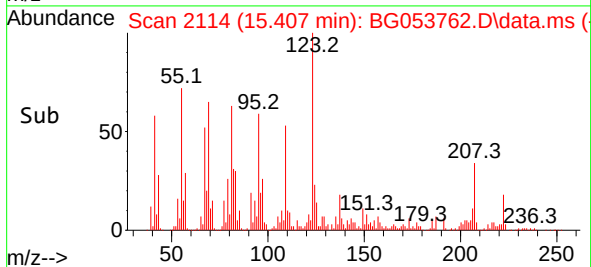
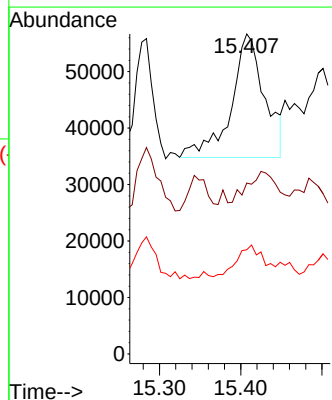
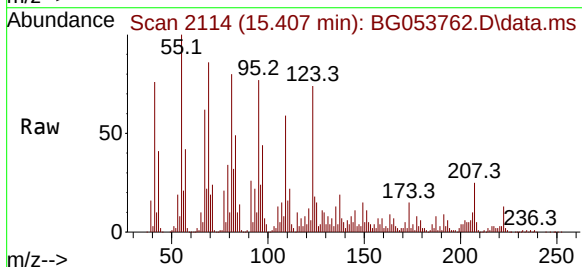
Instrument :
BNA_G
ClientSampleId :
ETGI-329

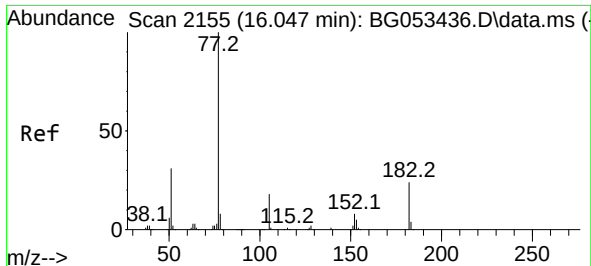
Tgt Ion:165 Resp: 12118
Ion Ratio Lower Upper
165 100
63 26.1 34.6 52.0#
89 19.2 60.3 90.5#
182 14.5 2.2 3.4#



#60
Diethylphthalate
Concen: 5.804 ng
RT: 15.407 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:149 Resp: 62402
Ion Ratio Lower Upper
149 100
177 53.4 18.4 27.6#
150 32.6 11.2 16.8#

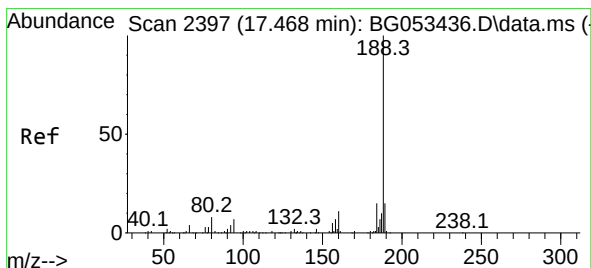
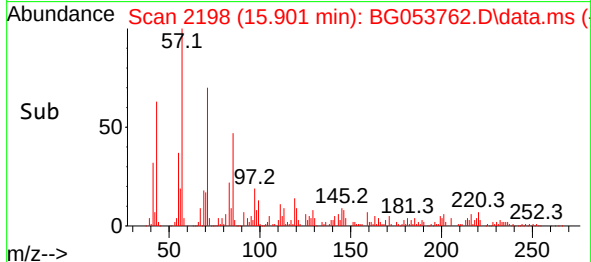
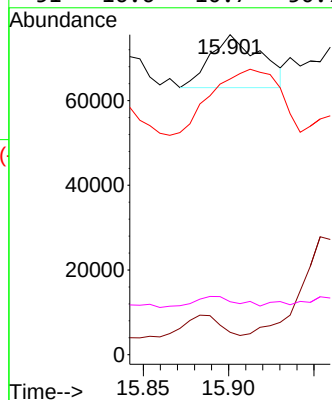
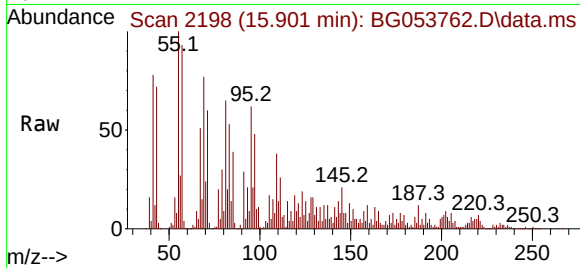




#63
Azobenzene
Concen: 2.314 ng
RT: 15.901 min Scan# 2155
Delta R.T. -0.022 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

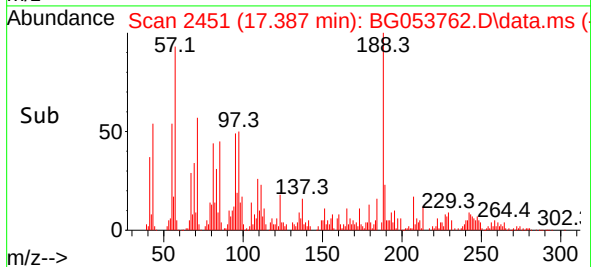
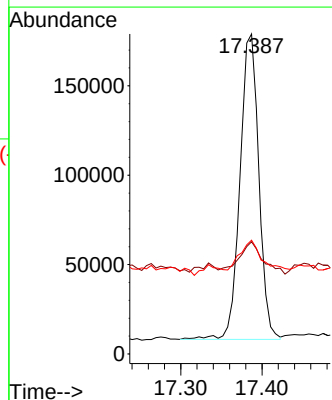
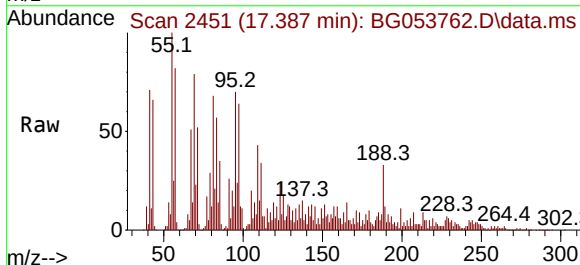
Instrument :
BNA_G
ClientSampleId :
ETGI-329

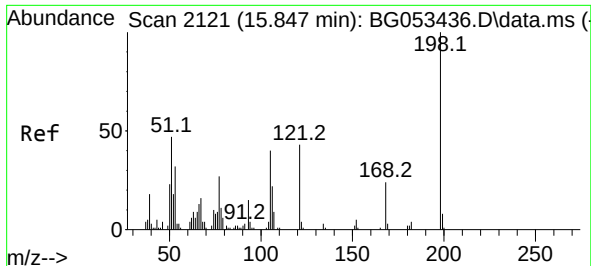
Tgt Ion: 77 Resp: 25470
Ion Ratio Lower Upper
77 100
182 7.0 3.8 43.8
105 86.2 0.0 37.8#
51 16.6 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.387 min Scan# 2451
Delta R.T. 0.043 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:188 Resp: 273935
Ion Ratio Lower Upper
188 100
94 35.0 5.4 8.0#
80 35.6 6.8 10.2#

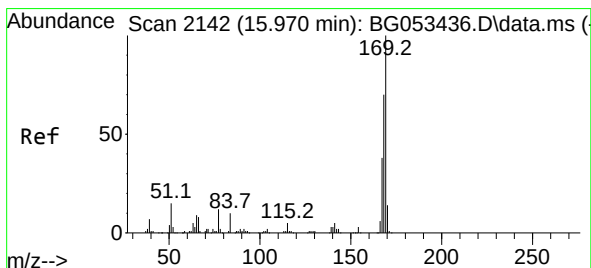
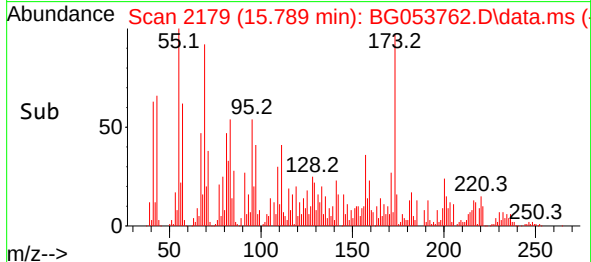
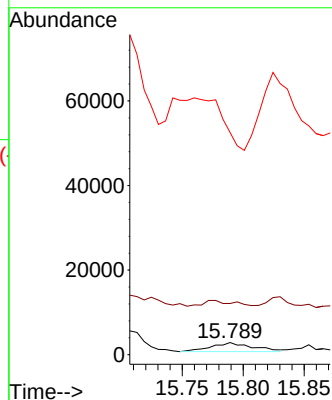
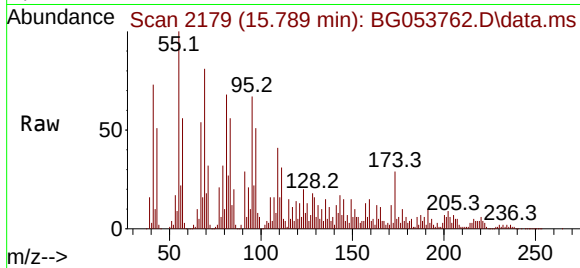




#65
4,6-Dinitro-2-methylphenol
Concen: 3.134 ng
RT: 15.789 min Scan# 2116
Delta R.T. 0.048 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

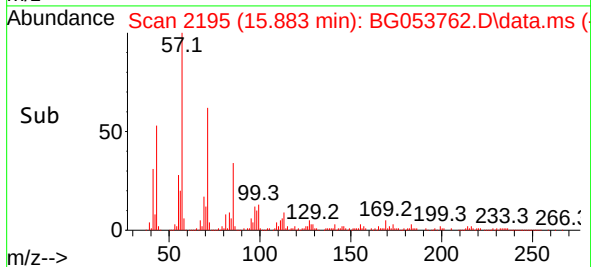
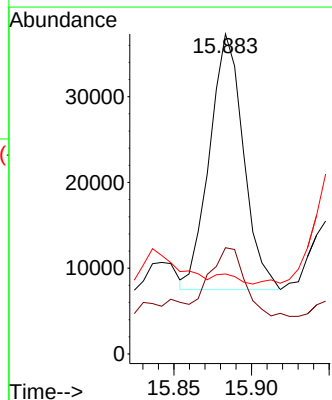
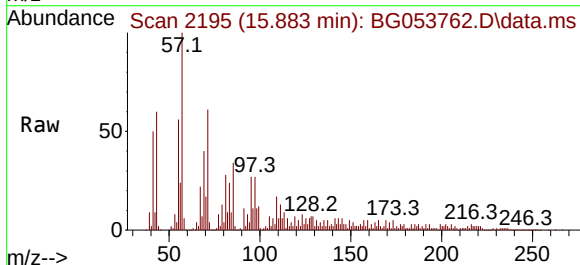
Instrument :
BNA_G
ClientSampleId :
ETGI-329

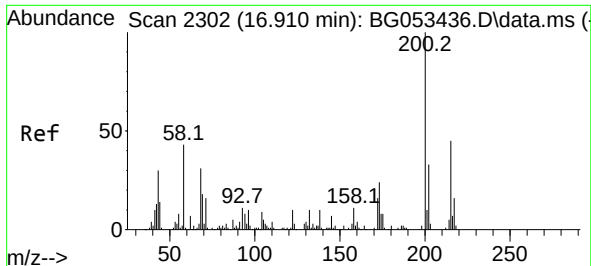
Tgt Ion:198 Resp: 5116
Ion Ratio Lower Upper
198 100
51 418.4 28.1 68.1#
105 1814.4 20.3 60.3#



#66
n-Nitrosodiphenylamine
Concen: 6.300 ng
RT: 15.883 min Scan# 2195
Delta R.T. 0.037 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:169 Resp: 45308
Ion Ratio Lower Upper
169 100
168 33.2 55.9 83.9#
167 25.0 30.6 46.0#





#69

Atrazine

Concen: 9.377 ng

RT: 16.841 min Scan# 21

Delta R.T. 0.043 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

Instrument :

BNA_G

ClientSampleId :

ETGI-329

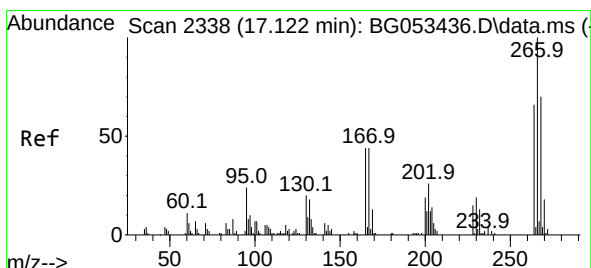
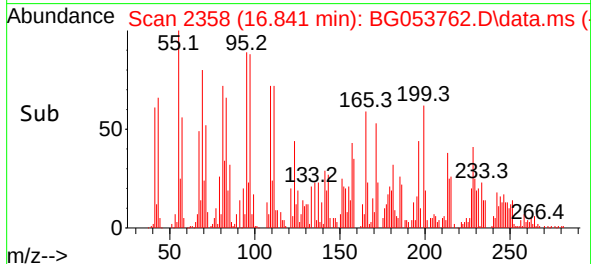
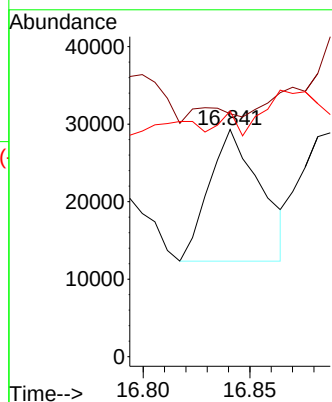
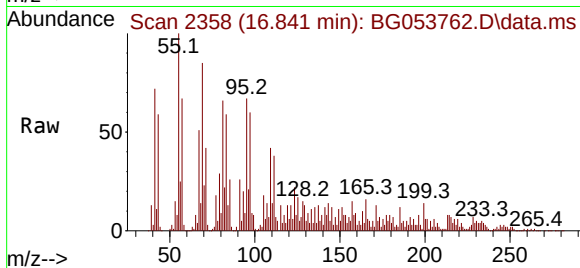
Tgt Ion:200 Resp: 28392

Ion Ratio Lower Upper

200 100

173 106.9 3.7 43.7#

215 108.1 25.2 65.2#



#70

Pentachlorophenol

Concen: 5.741 ng

RT: 17.046 min Scan# 2393

Delta R.T. 0.031 min

Lab File: BG053762.D

Acq: 28 May 2022 22:31

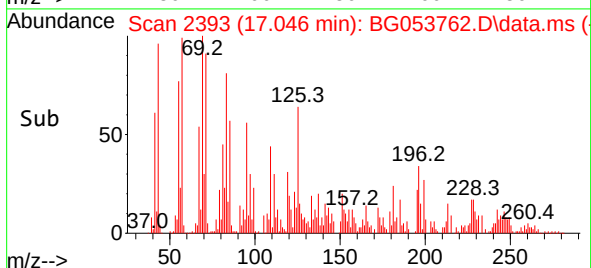
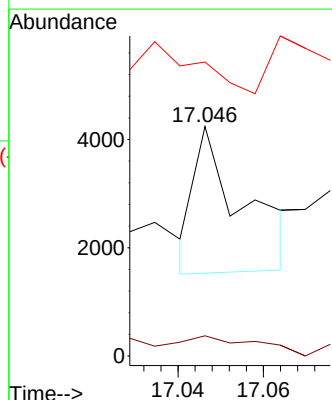
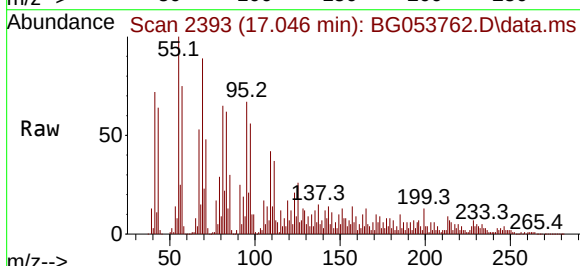
Tgt Ion:266 Resp: 2185

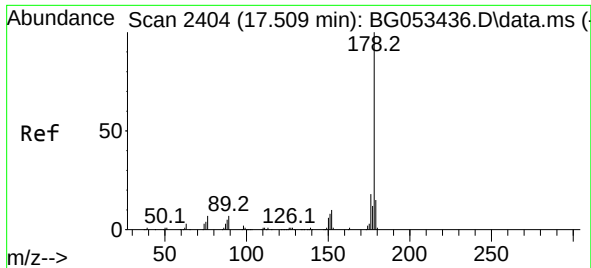
Ion Ratio Lower Upper

266 100

268 8.8 56.2 84.2#

264 128.1 53.0 79.4#

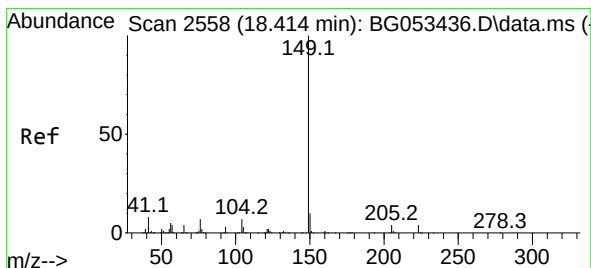
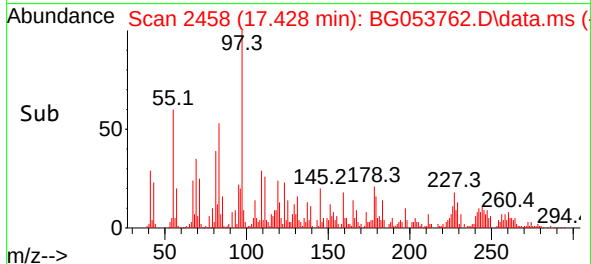
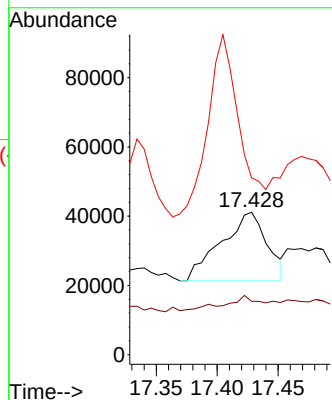
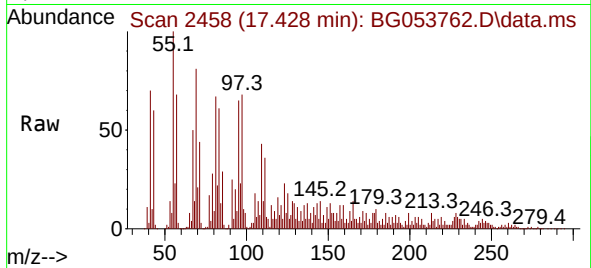




#71
Phenanthrene
Concen: 3.713 ng
RT: 17.428 min Scan# 2404
Delta R.T. 0.043 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

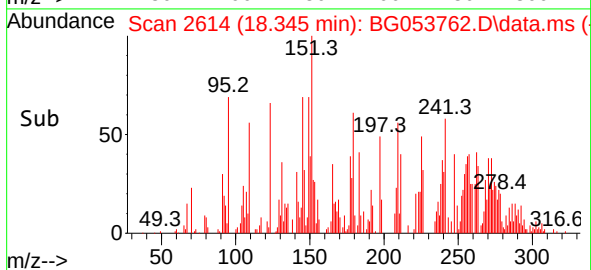
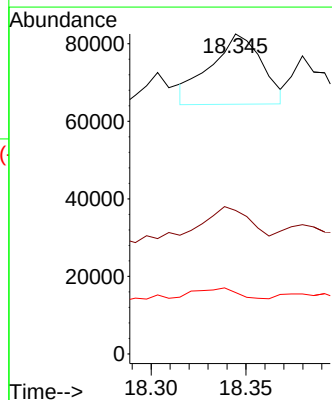
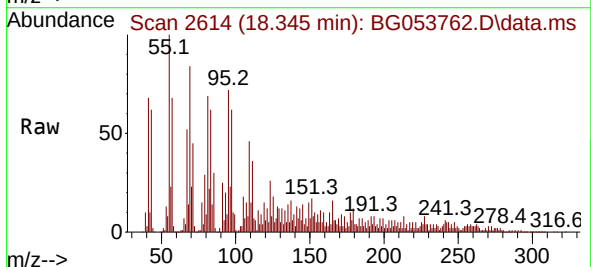
Instrument :
BNA_G
ClientSampleId :
ETGI-329

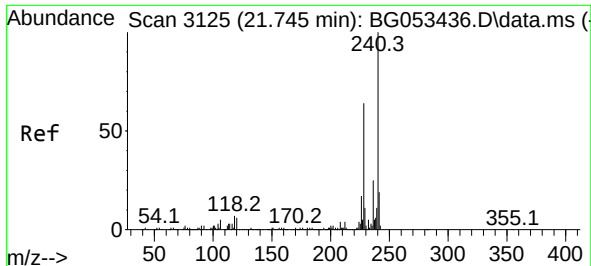
Tgt Ion:178 Resp: 51724
Ion Ratio Lower Upper
178 100
176 37.5 14.1 21.1#
179 124.3 12.1 18.1#



#74
Di-n-butylphthalate
Concen: 2.257 ng
RT: 18.345 min Scan# 2614
Delta R.T. 0.048 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Tgt Ion:149 Resp: 34057
Ion Ratio Lower Upper
149 100
150 44.9 7.7 11.5#
104 19.2 5.4 8.0#

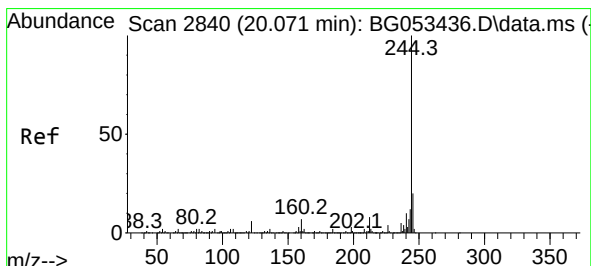
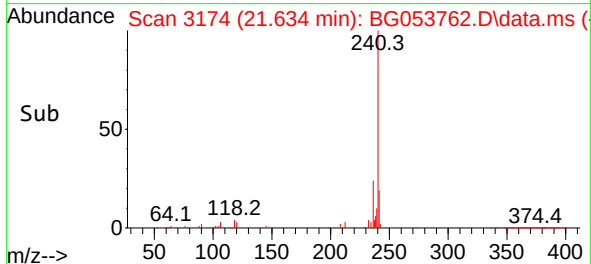
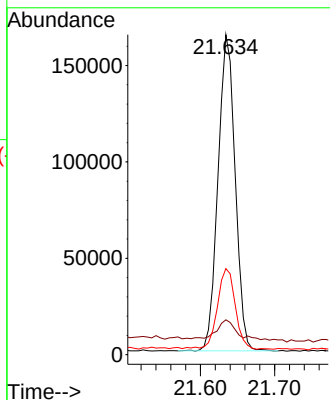
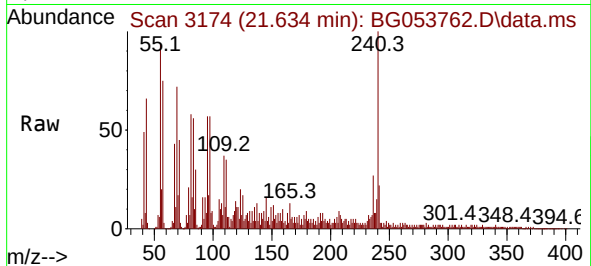




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3125
Delta R.T. 0.025 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

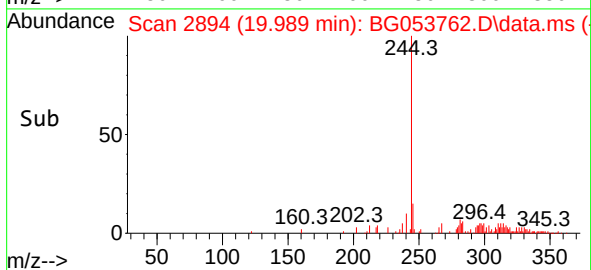
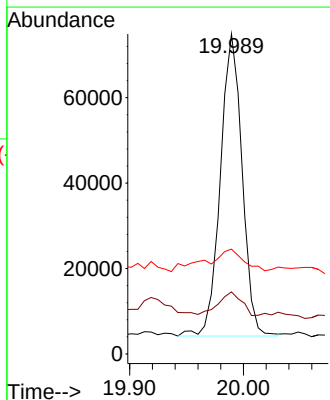
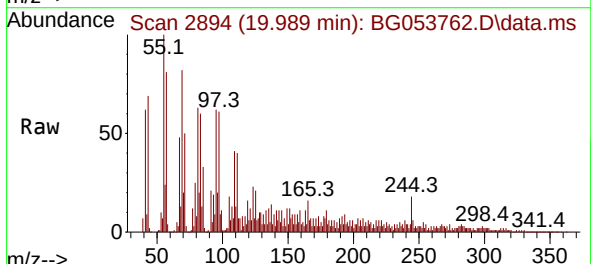
Instrument :
BNA_G
ClientSampleId :
ETGI-329

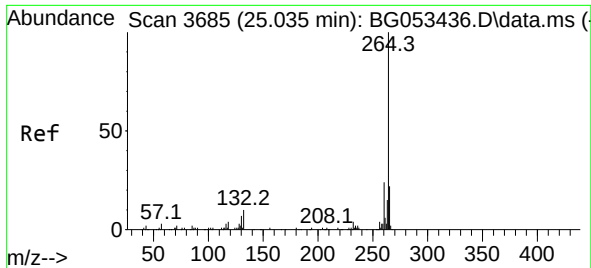
Tgt Ion:240 Resp: 263797
Ion Ratio Lower Upper
240 100
120 10.9 4.6 7.0#
236 26.9 20.2 30.4



#79
Terphenyl-d14
Concen: 6.636 ng
RT: 19.989 min Scan# 2894
Delta R.T. 0.037 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

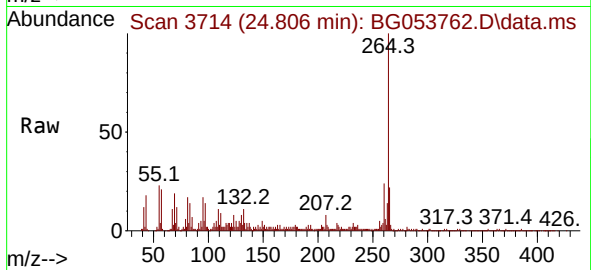
Tgt Ion:244 Resp: 93990
Ion Ratio Lower Upper
244 100
212 19.4 6.5 9.7#
122 32.8 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.806 min Scan# 31
Delta R.T. 0.019 min
Lab File: BG053762.D
Acq: 28 May 2022 22:31

Instrument :
BNA_G
ClientSampleId :
ETGI-329



Tgt Ion:264 Resp: 289211

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.7	17.4	26.2

