

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051170.D
 Acq On : 22 Nov 2021 14:47
 Operator : CG/JU
 Sample : M4781-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-354

Quant Time: Nov 22 17:17:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

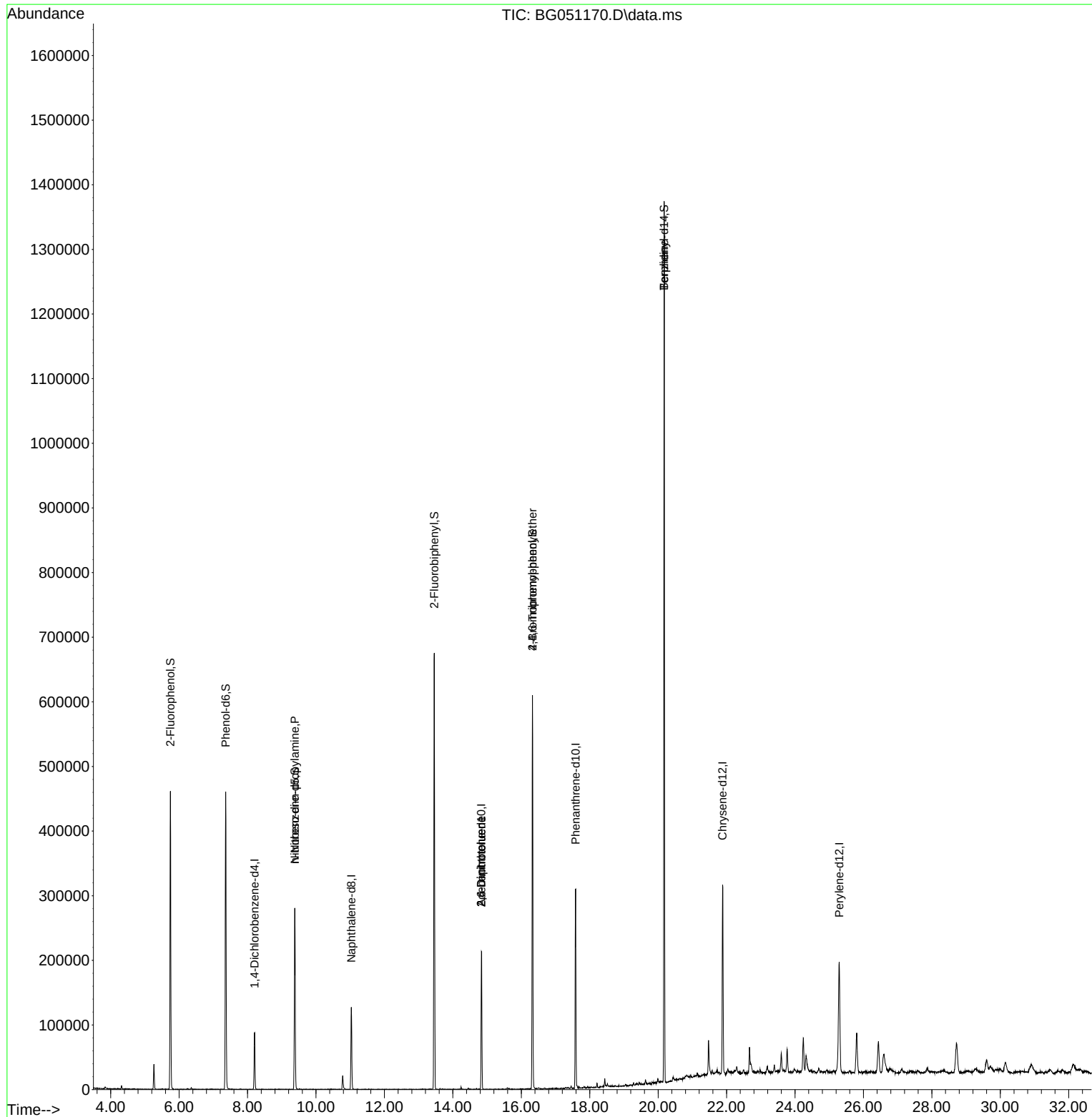
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	25604	20.000	ng	# 0.00
21) Naphthalene-d8	11.032	136	111038	20.000	ng	# 0.00
39) Acenaphthene-d10	14.834	164	78358	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	196204	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	183377	20.000	ng	# 0.00
86) Perylene-d12	25.292	264	182723	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	202020	121.970	ng	0.00
7) Phenol-d6	7.360	99	269368	115.468	ng	0.00
23) Nitrobenzene-d5	9.381	82	183992	75.641	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	100345	120.485	ng	0.00
45) 2-Fluorobiphenyl	13.459	172	354197	68.209	ng	0.00
79) Terphenyl-d14	20.174	244	637202	63.523	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	25575	14.852	ng	# 69
51) 2,6-Dinitrotoluene	14.834	165	10077	7.992	ng	# 10
57) 2,4-Dinitrotoluene	14.834	165	10077	5.579	ng	# 15
67) 4-Bromophenyl-phenylether	16.326	248	7564	3.564	ng	# 1
77) Benzidine	20.174	184	10923	3.628	ng	# 92

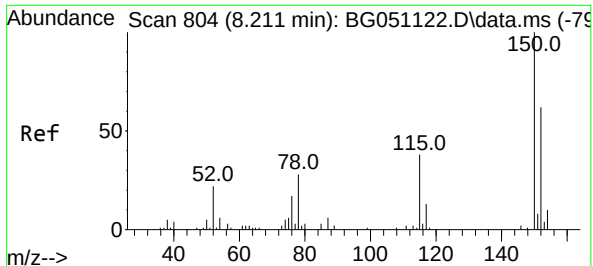
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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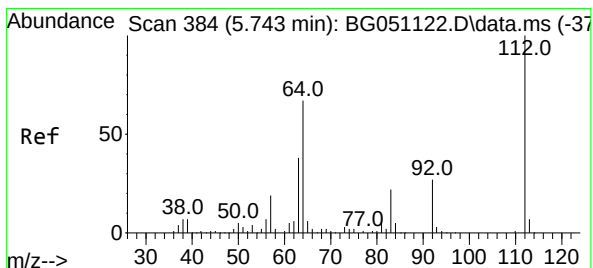
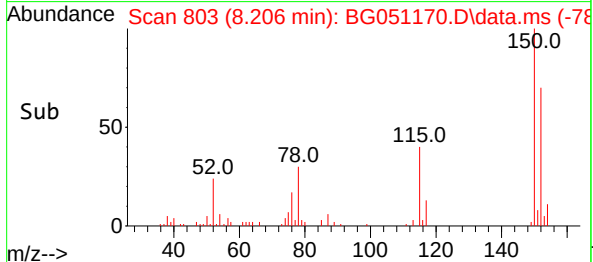
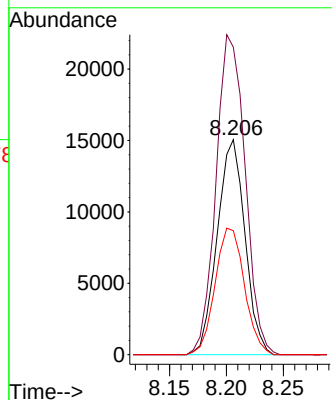
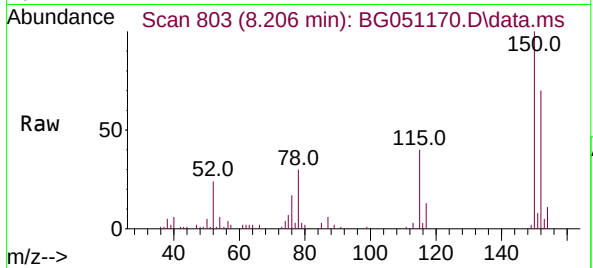




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

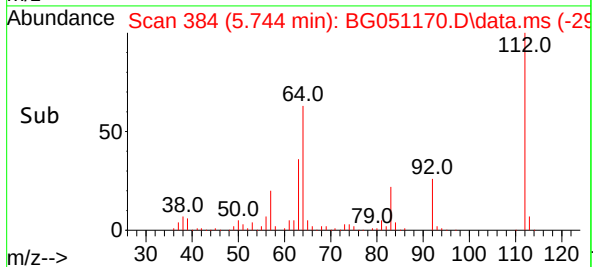
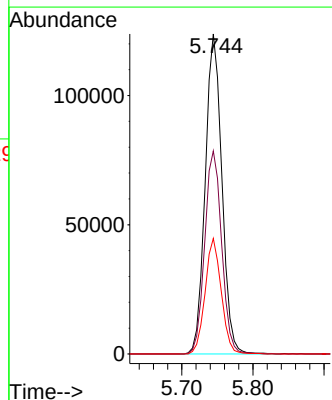
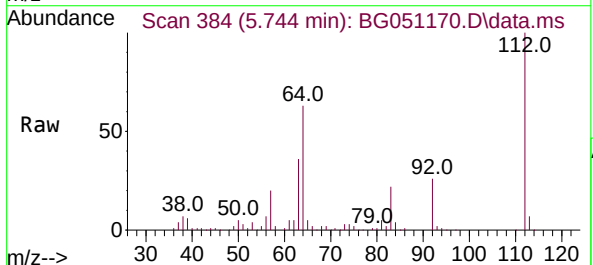
Instrument :
BNA_G
ClientSampleId :
ETGI-354

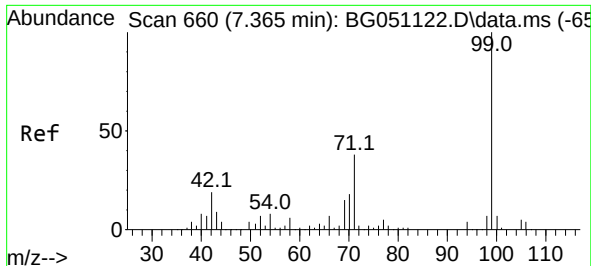
Tgt Ion:152 Resp: 25604
Ion Ratio Lower Upper
152 100
150 143.0 119.4 179.0
115 57.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 121.970 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

Tgt Ion:112 Resp: 202020
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 36.1 35.3 52.9

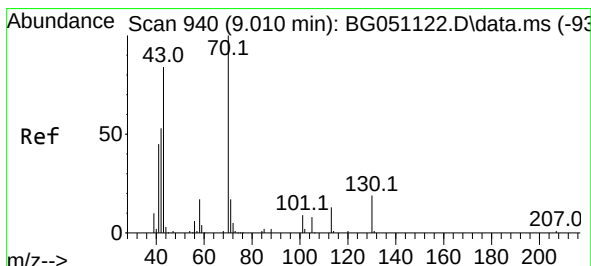
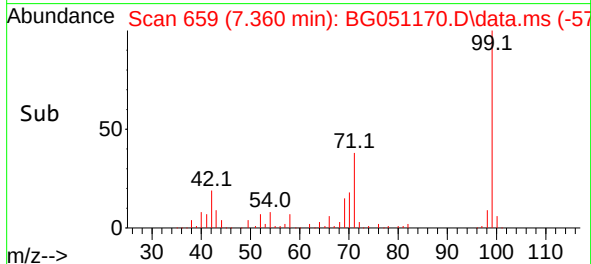
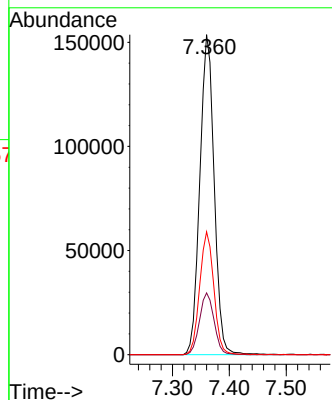
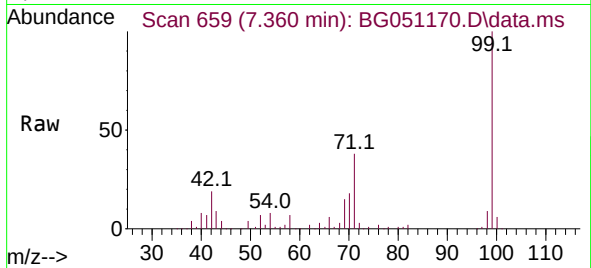




#7
Phenol-d6
Concen: 115.468 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

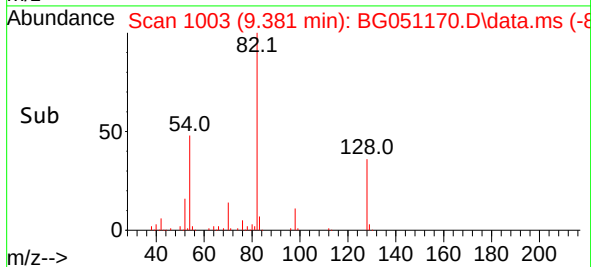
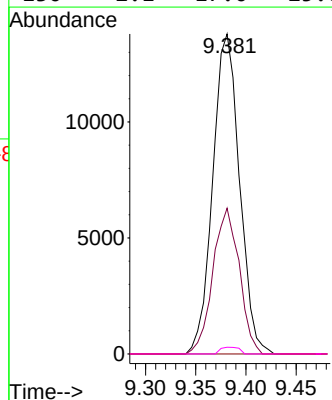
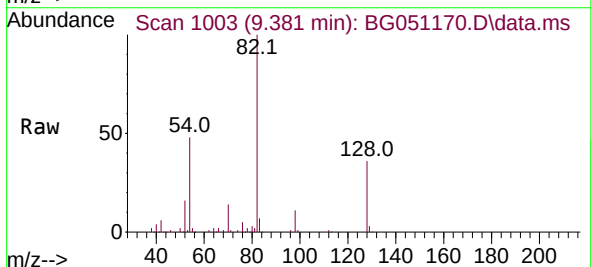
Instrument :
BNA_G
ClientSampleId :
ETGI-354

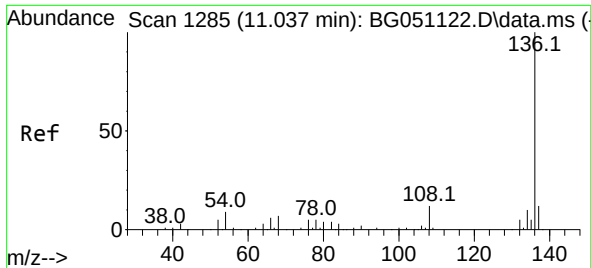
Tgt Ion: 99 Resp: 269368
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.4 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.852 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

Tgt Ion: 70 Resp: 25575
Ion Ratio Lower Upper
70 100
42 45.5 54.5 81.7#
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

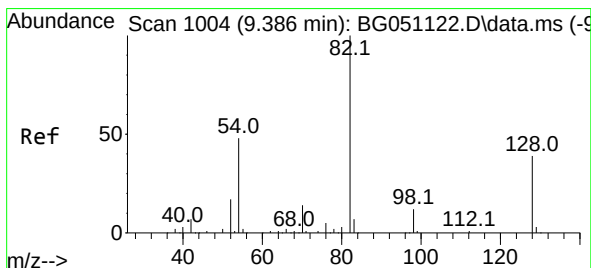
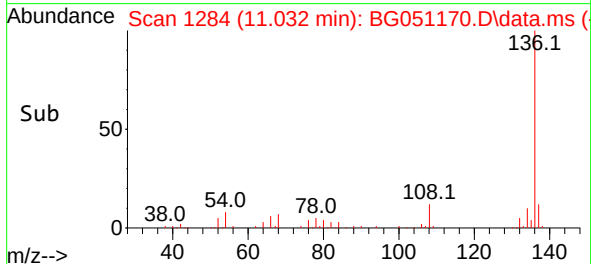
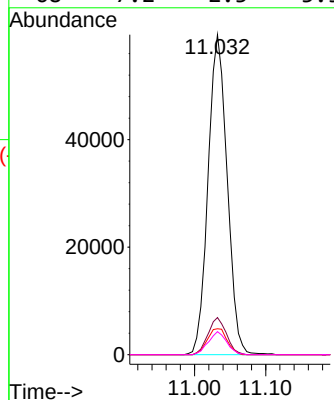
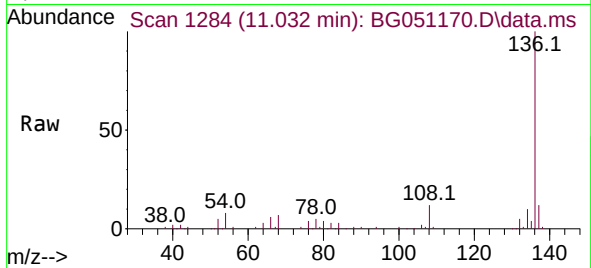




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 11038
Delta R.T. -0.005 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

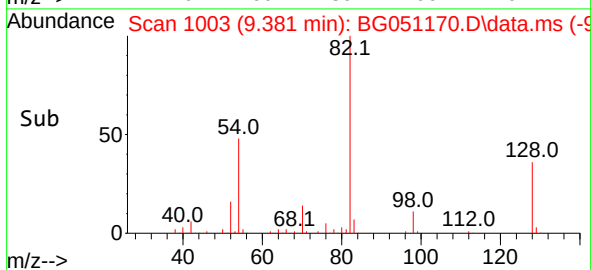
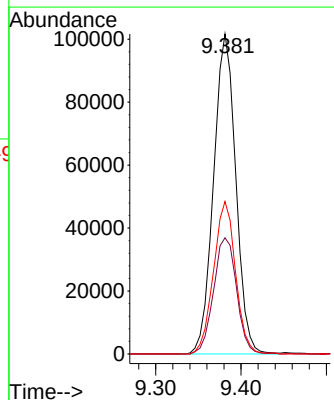
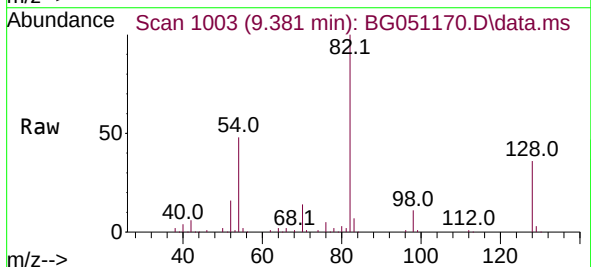
Instrument :
BNA_G
ClientSampleId :
ETGI-354

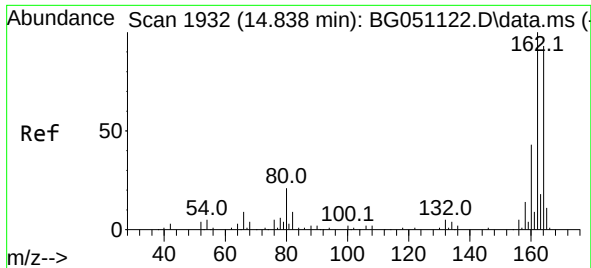
Tgt Ion:	136	Resp:	111038
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.2
54	8.1	5.5	8.3
68	7.2	2.3	3.5



#23
Nitrobenzene-d5
Concen: 75.641 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

Tgt Ion:	82	Resp:	183992
Ion Ratio	Lower	Upper	
82	100		
128	36.3	29.8	44.6
54	47.7	45.8	68.8

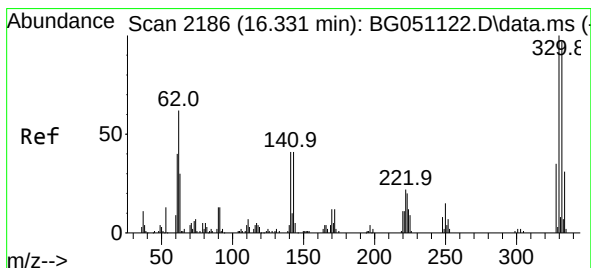
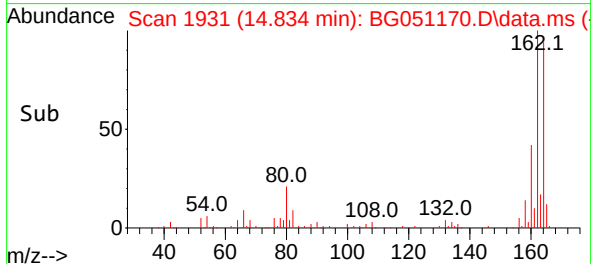
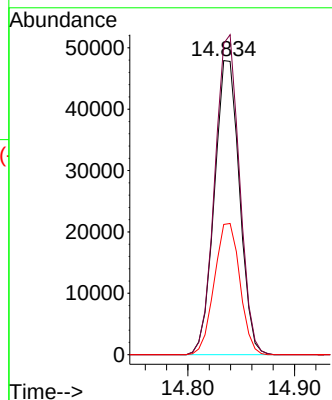
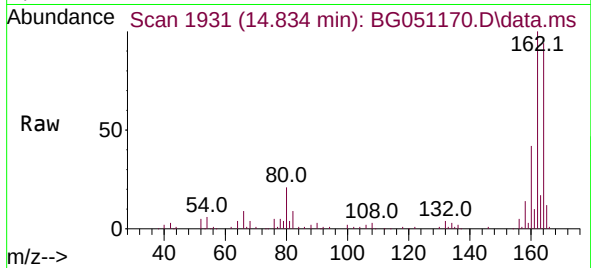




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

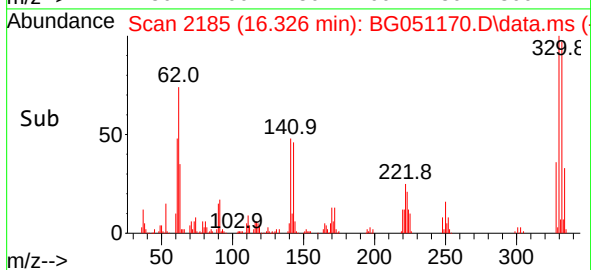
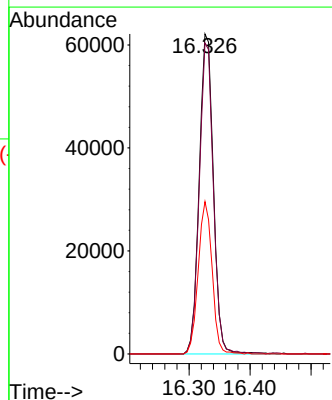
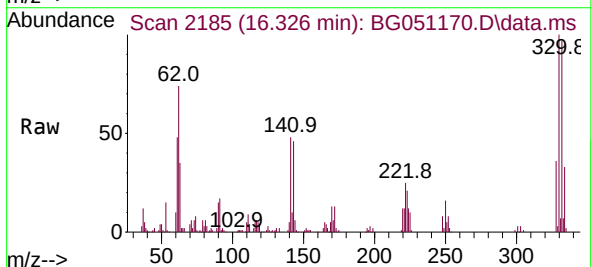
Instrument :
BNA_G
ClientSampleId :
ETGI-354

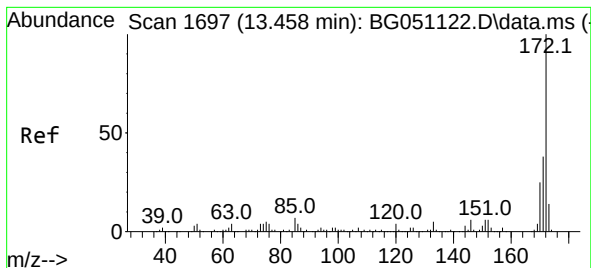
Tgt Ion:164 Resp: 78358
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 120.485 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

Tgt Ion:330 Resp: 100345
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 46.6 35.6 53.4

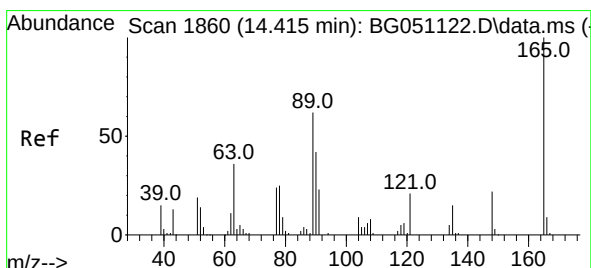
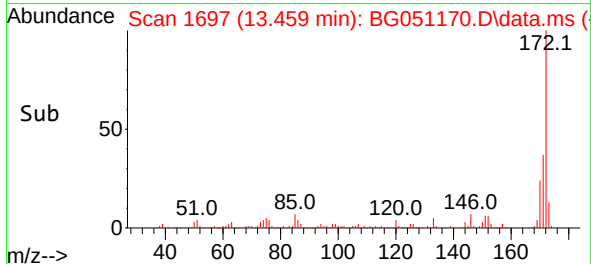
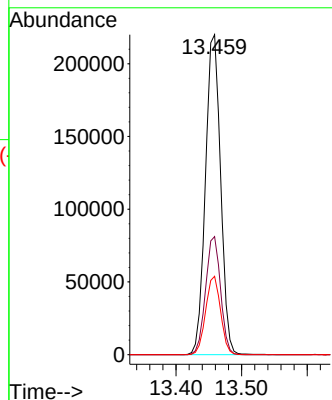
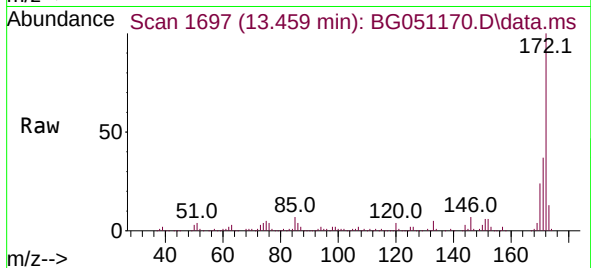




#45
2-Fluorobiphenyl
Concen: 68.209 ng
RT: 13.459 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

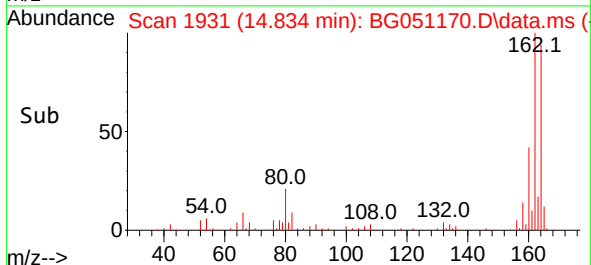
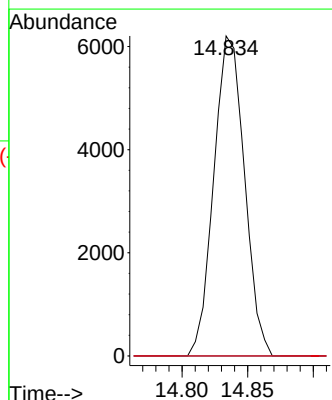
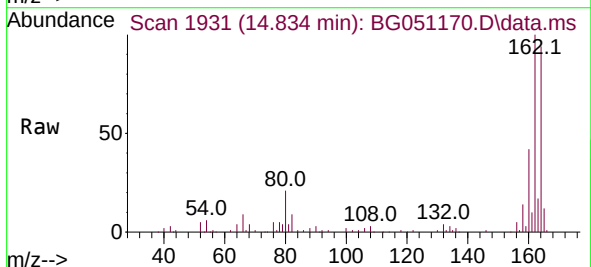
Instrument :
BNA_G
ClientSampleId :
ETGI-354

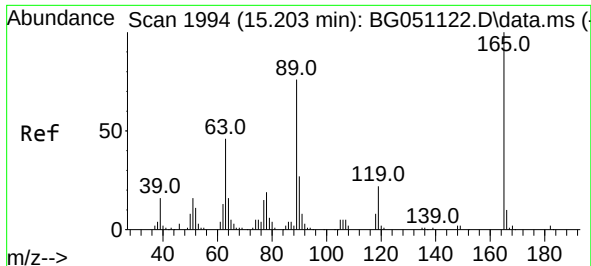
Tgt Ion:172 Resp: 354197
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 14.834 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

Tgt Ion:165 Resp: 10077
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.579 ng

RT: 14.834 min Scan# 1994

Delta R.T. -0.369 min

Lab File: BG051170.D

Acq: 22 Nov 2021 14:47

Instrument :

BNA_G

ClientSampleId :

ETGI-354

Tgt Ion:165 Resp: 10077

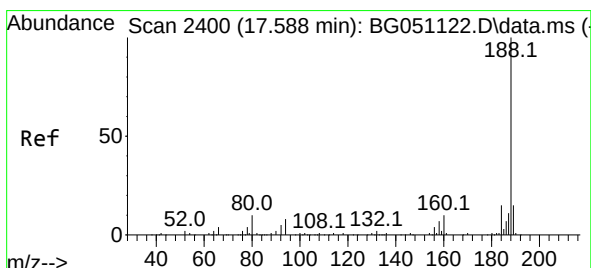
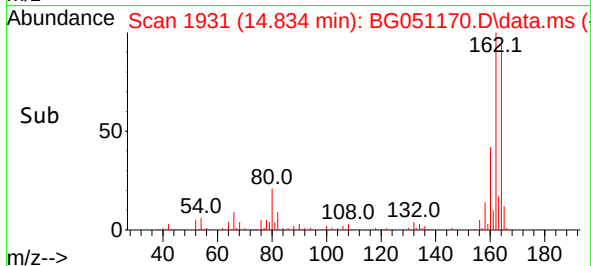
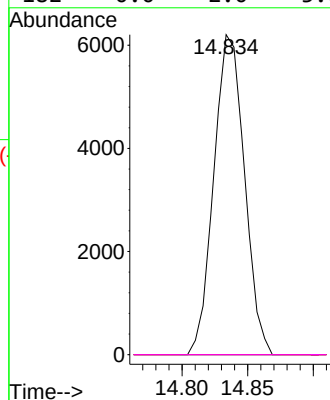
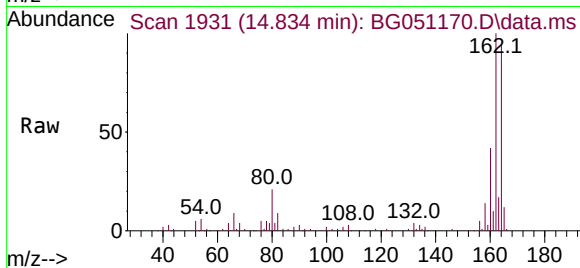
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.589 min Scan# 2400

Delta R.T. 0.001 min

Lab File: BG051170.D

Acq: 22 Nov 2021 14:47

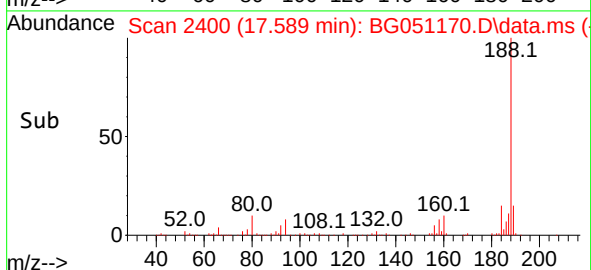
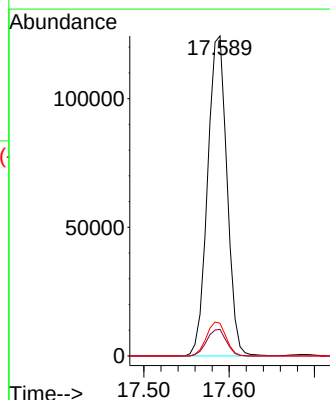
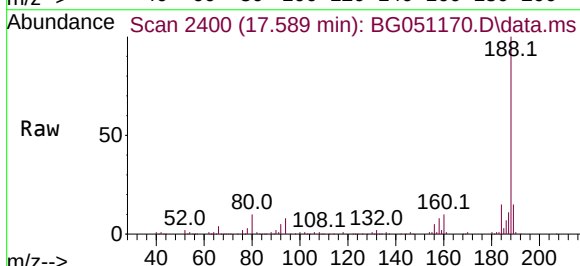
Tgt Ion:188 Resp: 196204

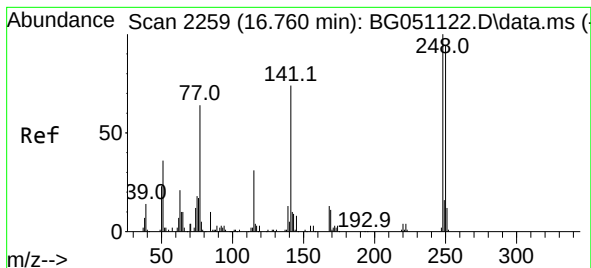
Ion Ratio Lower Upper

188 100

94 8.3 5.4 8.0#

80 10.2 3.7 5.5#

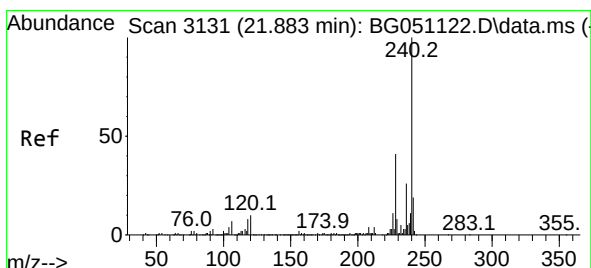
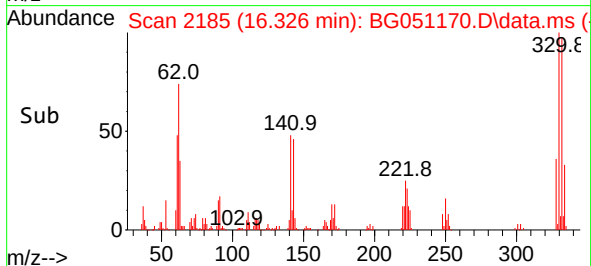
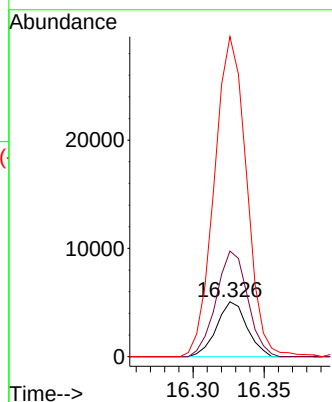
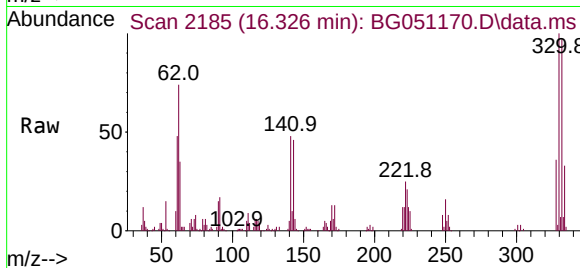




#67
4-Bromophenyl-phenylether
Concen: 3.564 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.434 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

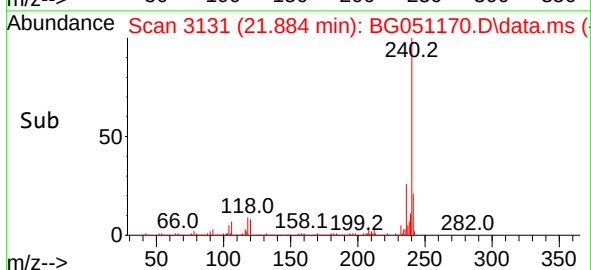
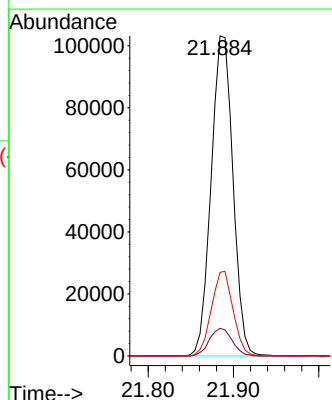
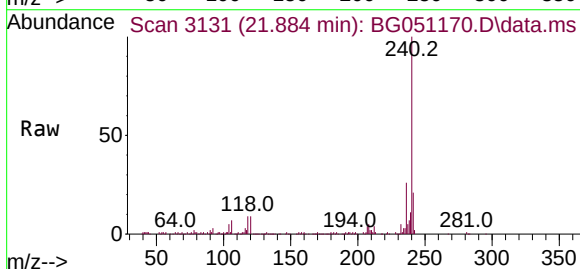
Instrument :
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ETGI-354

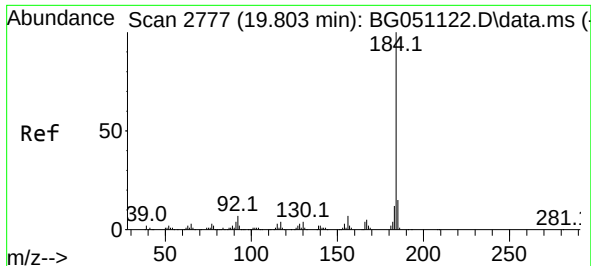
Tgt Ion:248 Resp: 7564
Ion Ratio Lower Upper
248 100
250 192.3 76.1 114.1#
141 582.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3131
Delta R.T. 0.001 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

Tgt Ion:240 Resp: 183377
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 26.2 21.8 32.6

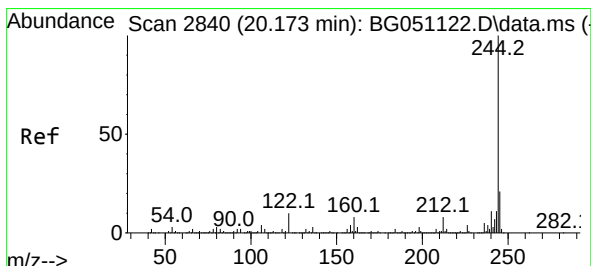
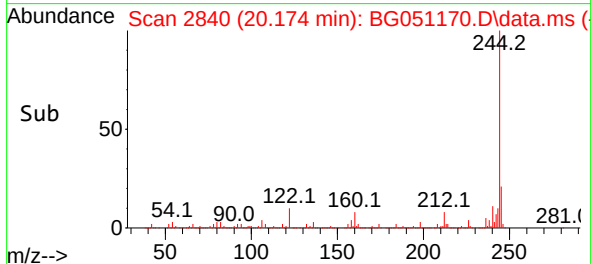
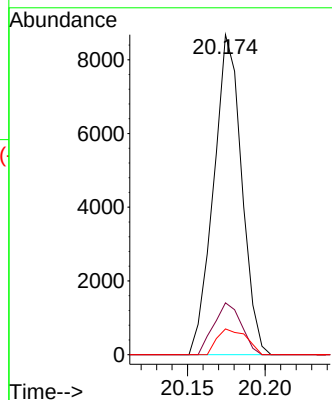
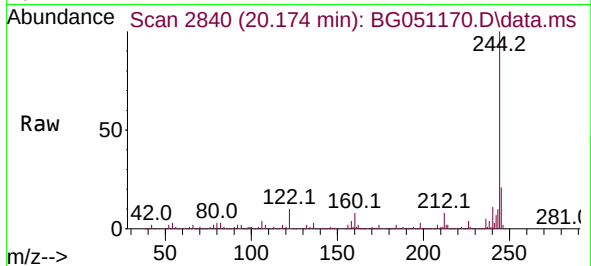




#77
Benzidine
Concen: 3.628 ng
RT: 20.174 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

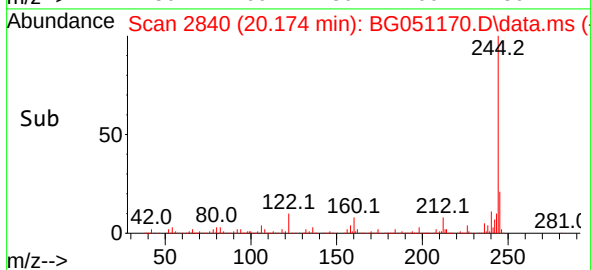
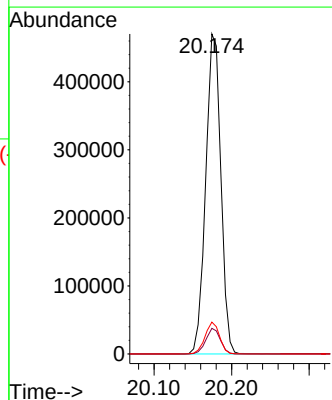
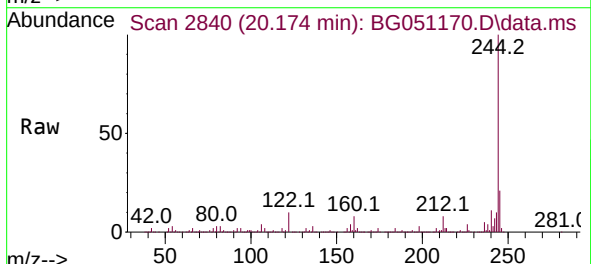
Instrument :
BNA_G
ClientSampleId :
ETGI-354

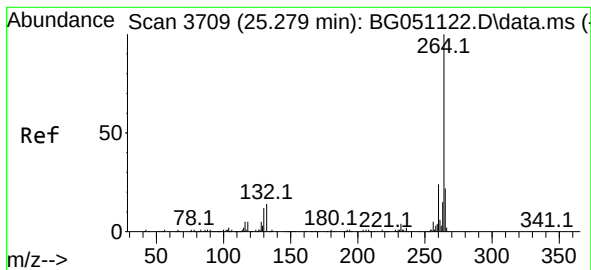
Tgt Ion:184 Resp: 10923
Ion Ratio Lower Upper
184 100
185 16.2 10.7 16.1#
183 8.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 63.523 ng
RT: 20.174 min Scan# 2840
Delta R.T. 0.001 min
Lab File: BG051170.D
Acq: 22 Nov 2021 14:47

Tgt Ion:244 Resp: 637202
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 10.0 5.0 7.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.292 min Scan# 31

Delta R.T. 0.013 min

Lab File: BG051170.D

Acq: 22 Nov 2021 14:47

Instrument :

BNA_G

ClientSampleId :

ETGI-354

Tgt Ion:264 Resp: 182723

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.1 16.9 25.3

