

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053838.D
 Acq On : 7 Jun 2022 14:02
 Operator : CG/JU
 Sample : N3201-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11939

Quant Time: Jun 08 02:50:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

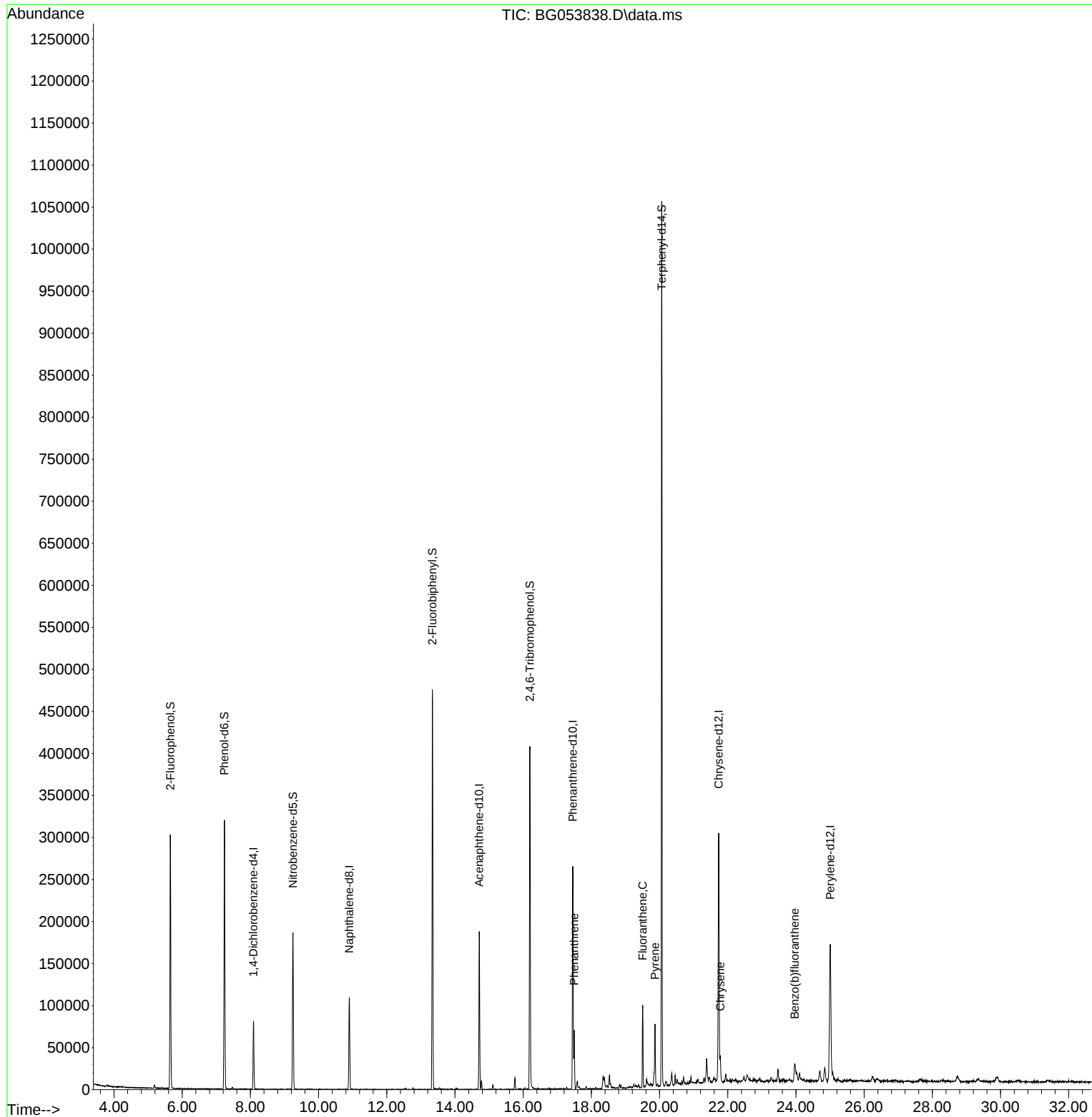
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	24923	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	103108	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	74578	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	189594	20.000	ng	0.00
76) Chrysene-d12	21.732	240	197708	20.000	ng	0.00
86) Perylene-d12	25.004	264	198205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	141890	104.546	ng	0.00
7) Phenol-d6	7.237	99	190496	103.617	ng	0.00
23) Nitrobenzene-d5	9.246	82	120376	76.666	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	99314	109.706	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	277214	55.608	ng	0.00
79) Terphenyl-d14	20.063	244	576711	58.031	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.496	178	47691	4.779	ng	97
75) Fluoranthene	19.505	202	67361	5.204	ng	97
78) Pyrene	19.863	202	52426	4.170	ng	99
83) Chrysene	21.779	228	25695	2.074	ng	96
88) Benzo(b)fluoranthene	23.964	252	28126	2.286	ng	# 94

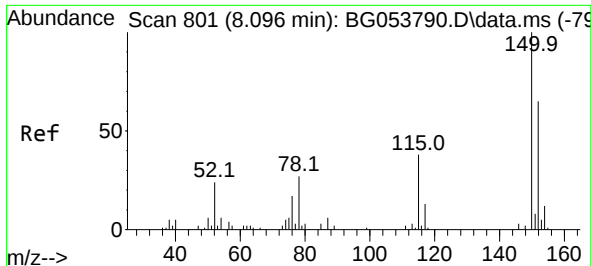
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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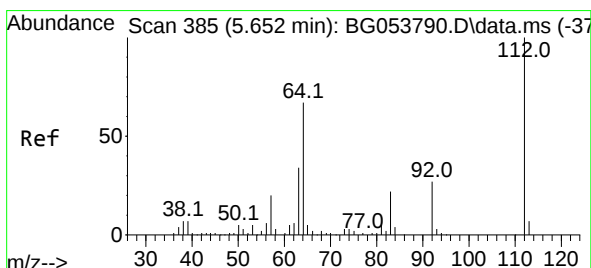
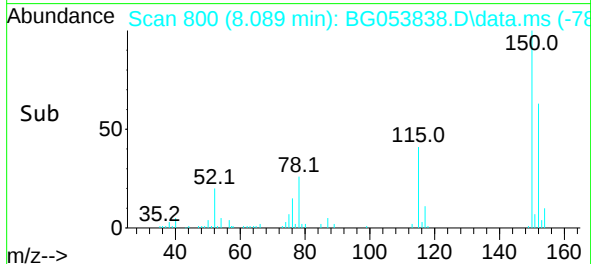
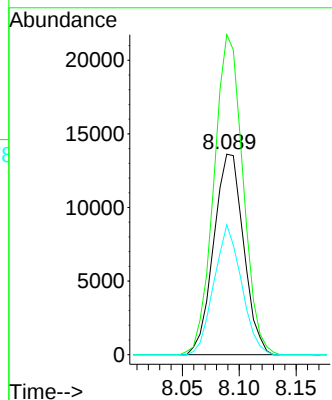
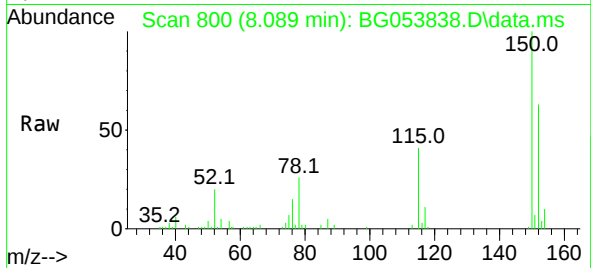




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

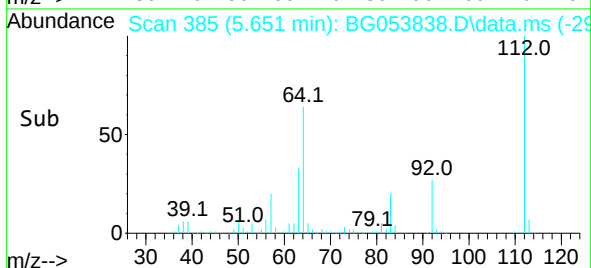
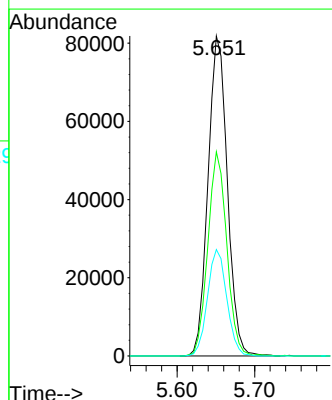
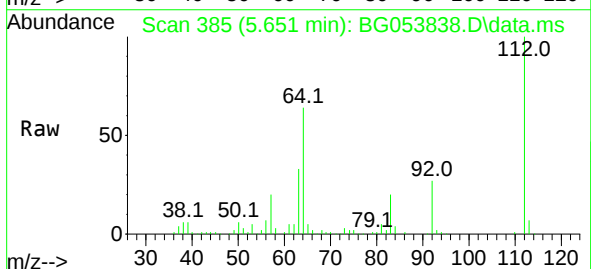
Instrument :
BNA_G
ClientSampleId :
11939

Tgt Ion:152 Resp: 24923
Ion Ratio Lower Upper
152 100
150 159.6 131.6 197.4
115 64.8 50.9 76.3



#5
2-Fluorophenol
Concen: 104.546 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

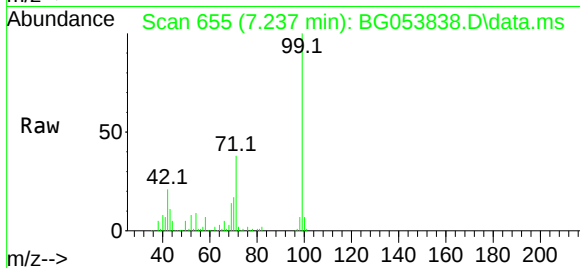
Tgt Ion:112 Resp: 141890
Ion Ratio Lower Upper
112 100
64 63.8 55.1 82.7
63 33.2 30.4 45.6



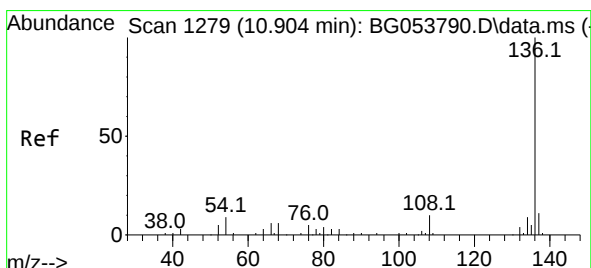
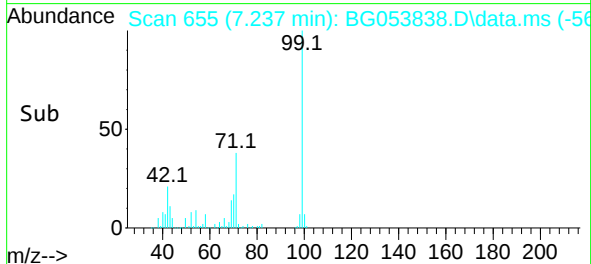
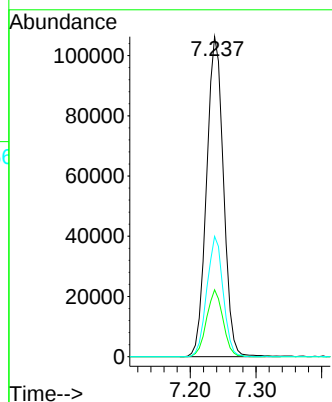


#7
Phenol-d6
Concen: 103.617 ng
RT: 7.237 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Instrument :
BNA_G
ClientSampleId :
11939

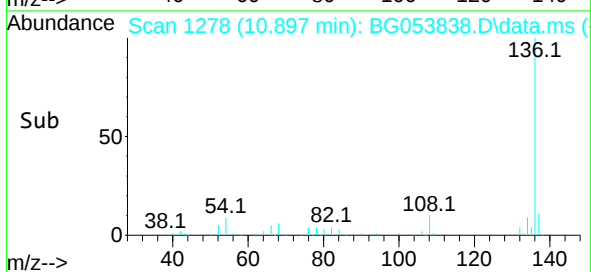
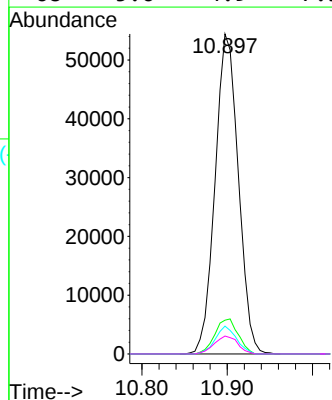
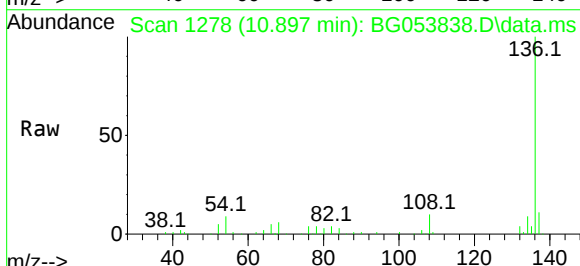


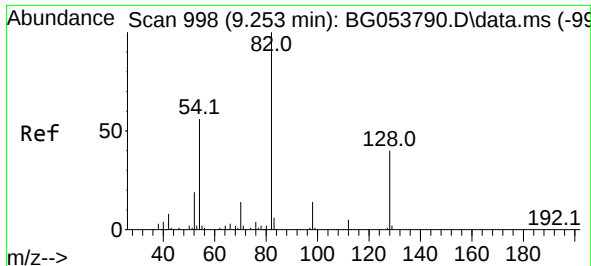
Tgt Ion: 99 Resp: 190496
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 37.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 1278
Delta R.T. -0.007 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion: 136 Resp: 103108
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 8.7 7.4 11.2
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 76.666 ng

RT: 9.246 min Scan# 998

Delta R.T. -0.007 min

Lab File: BG053838.D

Acq: 7 Jun 2022 14:02

Instrument :

BNA_G

ClientSampleId :

11939

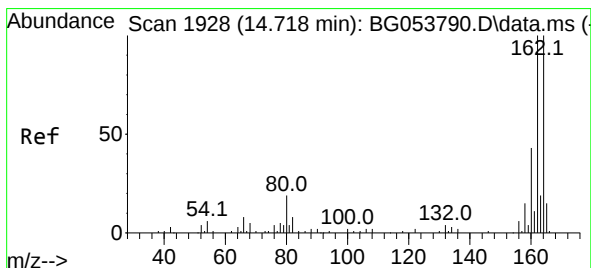
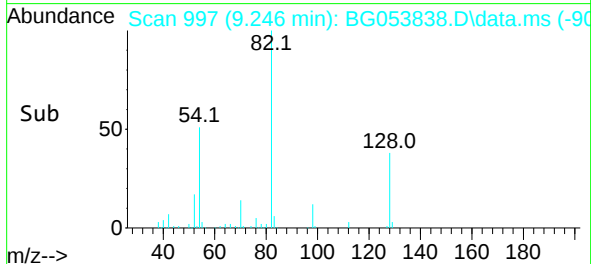
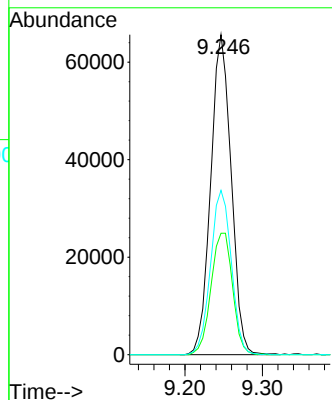
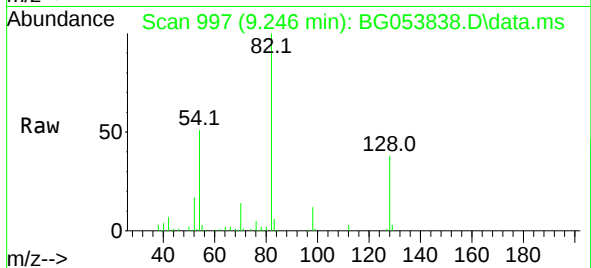
Tgt Ion: 82 Resp: 120376

Ion Ratio Lower Upper

82 100

128 38.0 27.9 41.9

54 51.4 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.711 min Scan# 1927

Delta R.T. -0.007 min

Lab File: BG053838.D

Acq: 7 Jun 2022 14:02

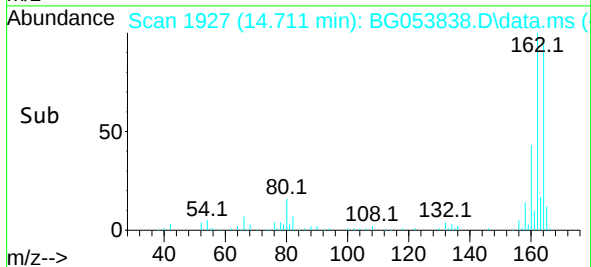
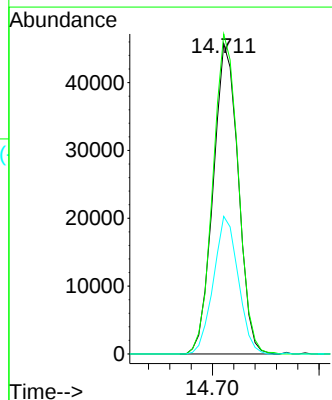
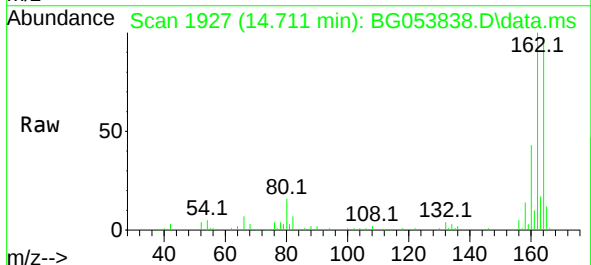
Tgt Ion: 164 Resp: 74578

Ion Ratio Lower Upper

164 100

162 103.1 82.3 123.5

160 44.3 34.2 51.2

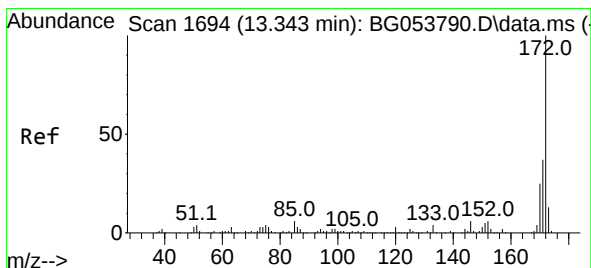
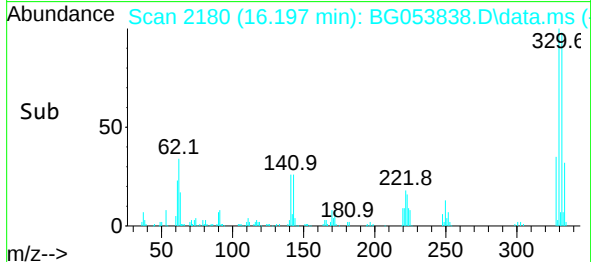
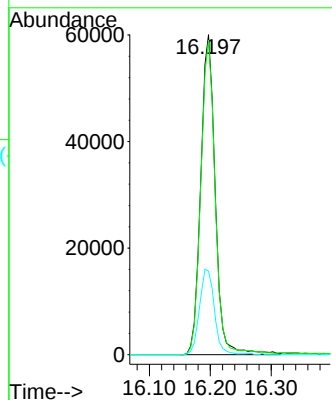
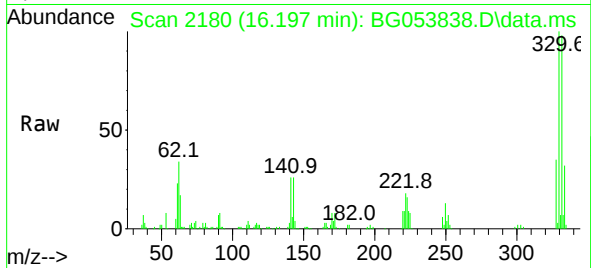




#42
 2,4,6-Tribromophenol
 Concen: 109.706 ng
 RT: 16.197 min Scan# 2180
 Delta R.T. -0.001 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

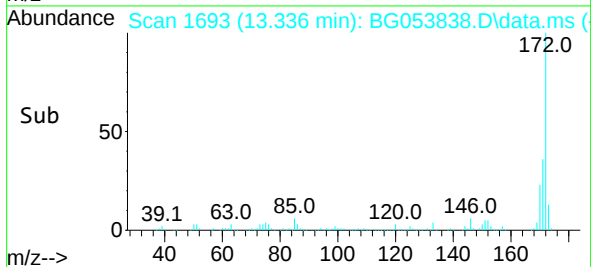
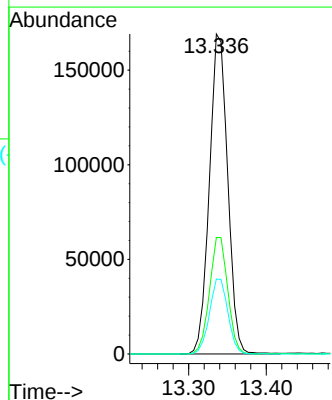
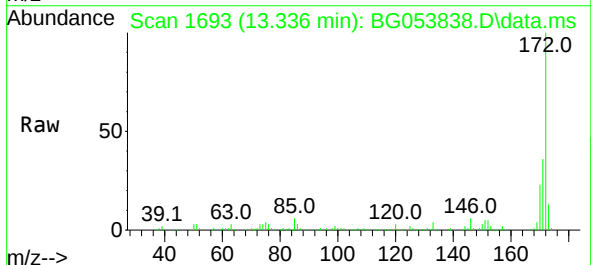
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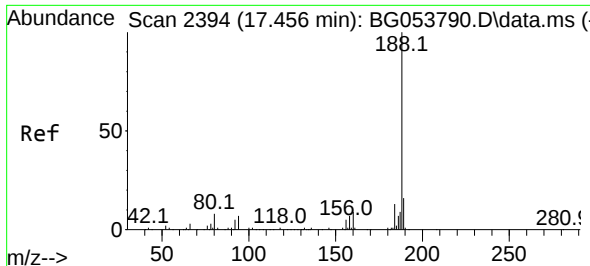
Tgt Ion:330 Resp: 99314
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.0 114.0
 141 27.4 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 55.608 ng
 RT: 13.336 min Scan# 1693
 Delta R.T. -0.007 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

Tgt Ion:172 Resp: 277214
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.4 18.9 28.3

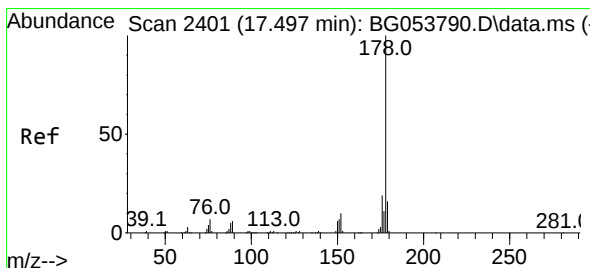
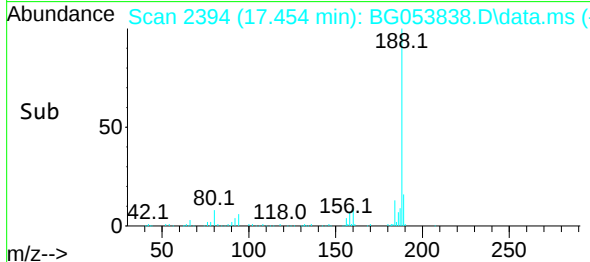
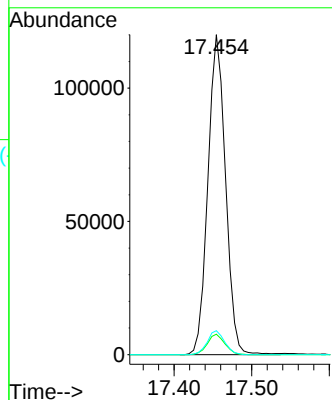
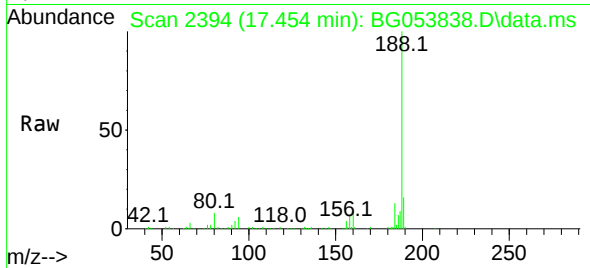




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 21939
Delta R.T. -0.002 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

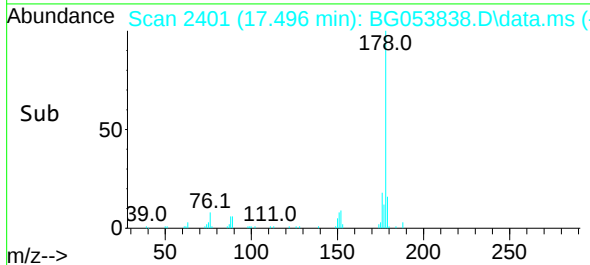
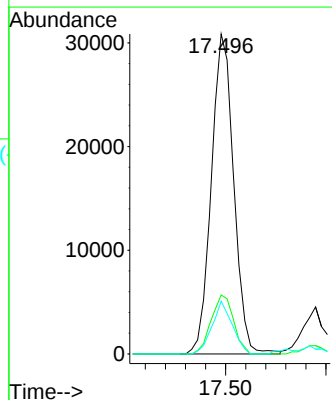
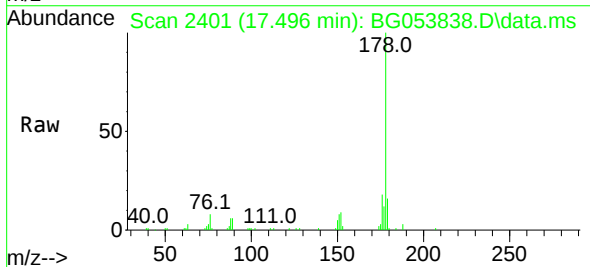
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BNA_G
ClientSampleId :
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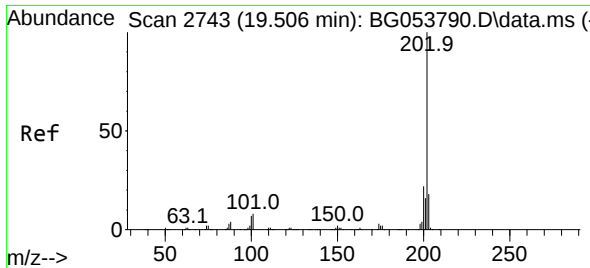
Tgt Ion:188 Resp: 189594
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.5 6.8 10.2



#71
Phenanthrene
Concen: 4.779 ng
RT: 17.496 min Scan# 2401
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:178 Resp: 47691
Ion Ratio Lower Upper
178 100
176 18.5 14.1 21.1
179 16.5 12.1 18.1

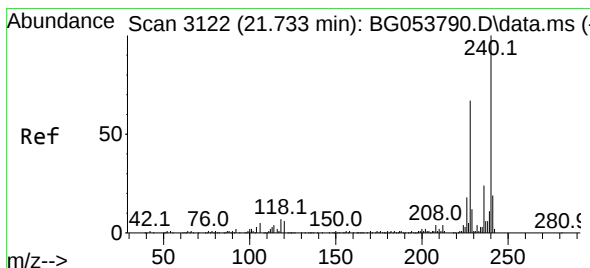
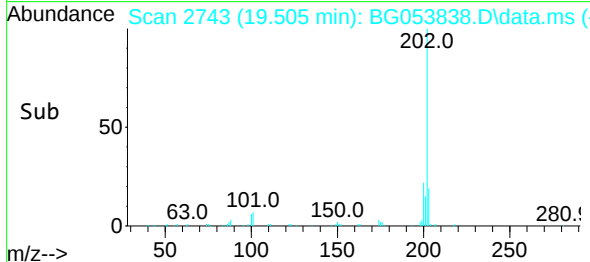
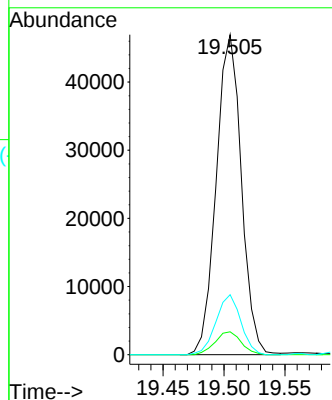
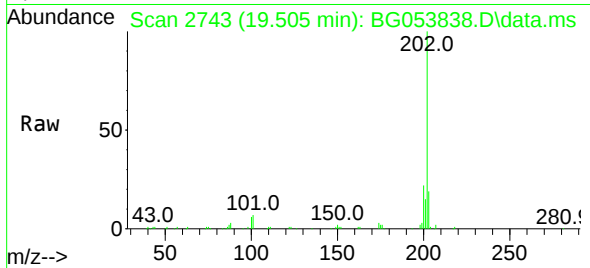




#75
Fluoranthene
Concen: 5.204 ng
RT: 19.505 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

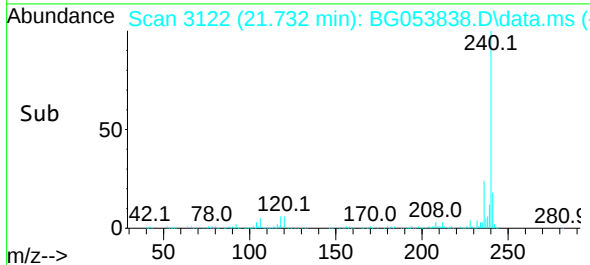
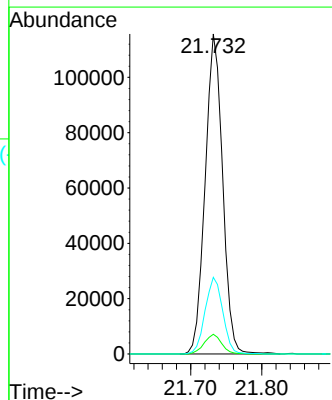
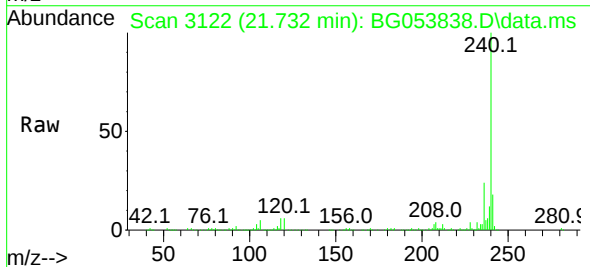
Instrument :
BNA_G
ClientSampleId :
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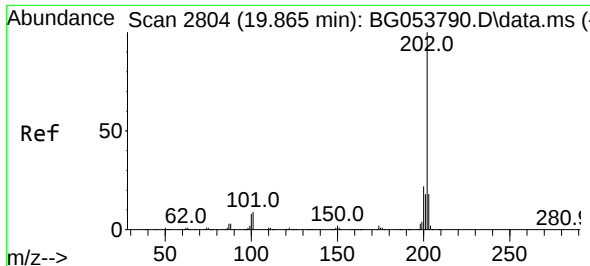
Tgt Ion:202 Resp: 67361
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 18.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:240 Resp: 197708
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.0 20.2 30.4

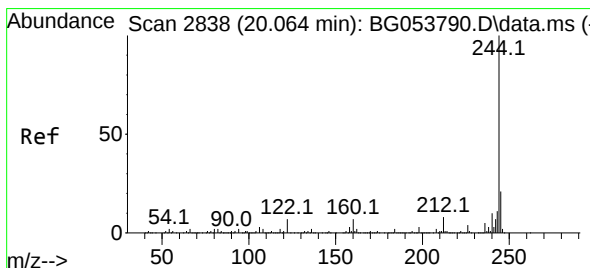
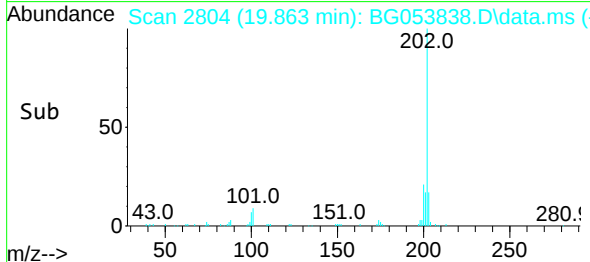
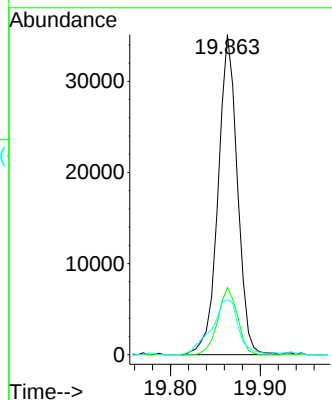
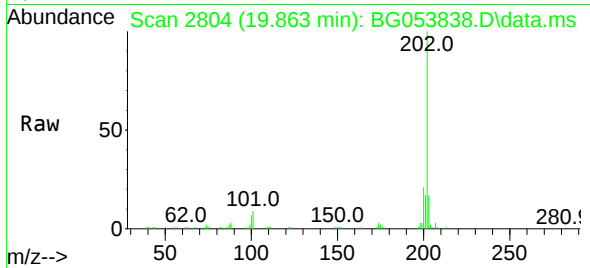




#78
 Pyrene
 Concen: 4.170 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

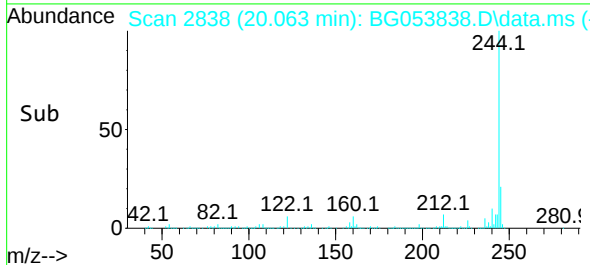
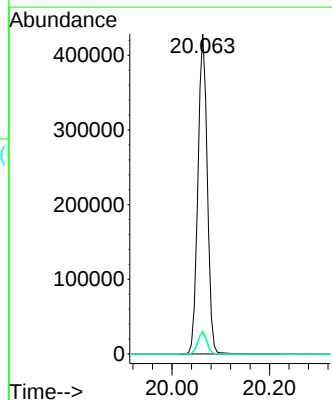
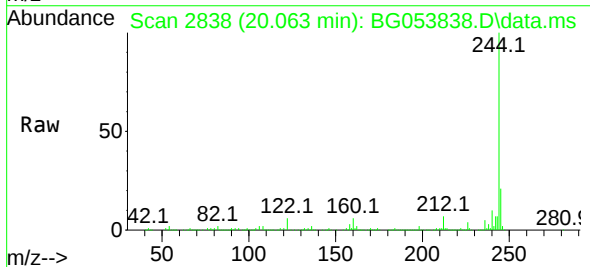
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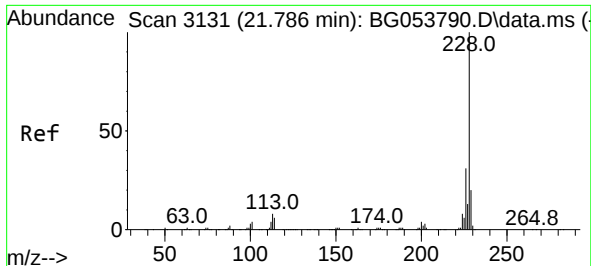
Tgt Ion:202 Resp: 52426
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 24.8
 203 17.2 14.6 21.8



#79
 Terphenyl-d14
 Concen: 58.031 ng
 RT: 20.063 min Scan# 2838
 Delta R.T. -0.001 min
 Lab File: BG053838.D
 Acq: 7 Jun 2022 14:02

Tgt Ion:244 Resp: 576711
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.4 5.0 7.4

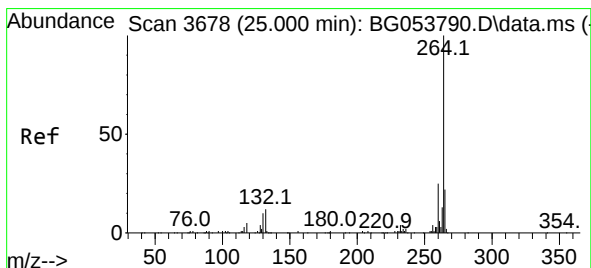
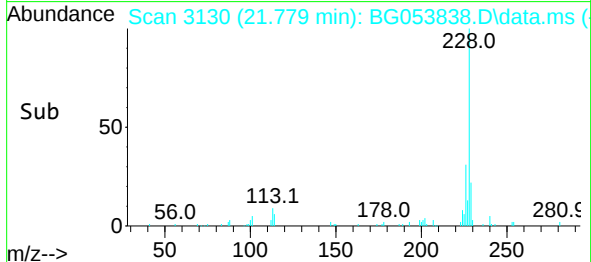
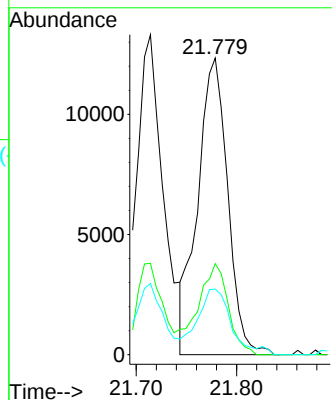
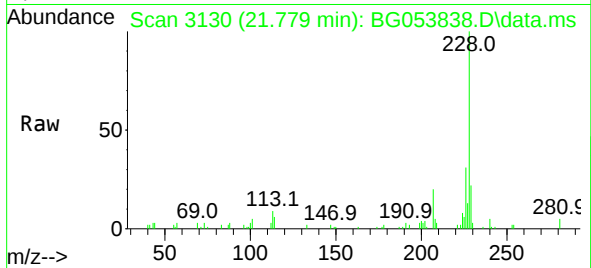




#83
Chrysene
Concen: 2.074 ng
RT: 21.779 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

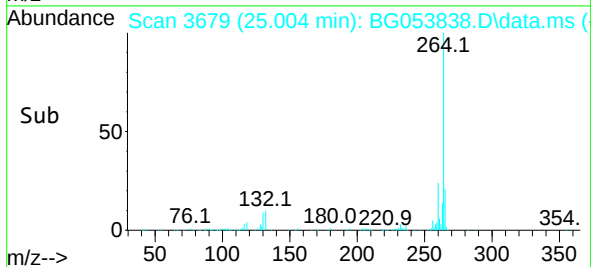
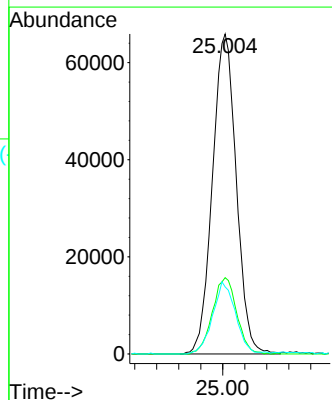
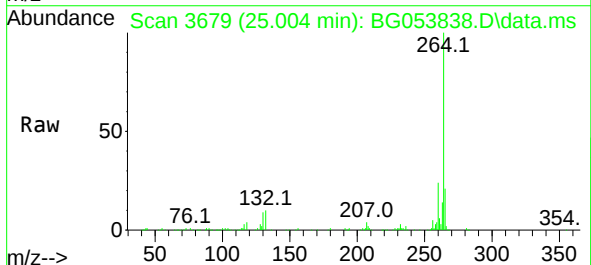
Instrument :
BNA_G
ClientSampleId :
11939

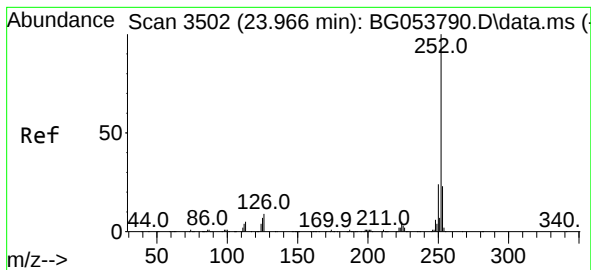
Tgt Ion:228	Resp:	25695
Ion Ratio	Lower	Upper
228	100	
226	30.7	23.4 35.2
229	22.1	15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3679
Delta R.T. 0.005 min
Lab File: BG053838.D
Acq: 7 Jun 2022 14:02

Tgt Ion:264	Resp:	198205
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.0 28.6
265	21.0	17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.286 ng

RT: 23.964 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG053838.D

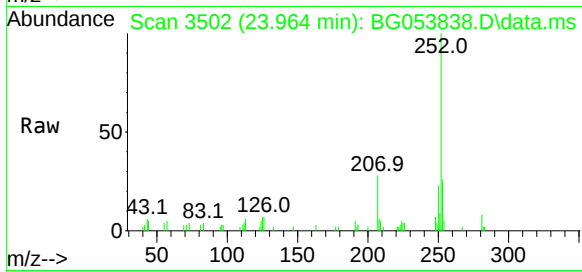
Acq: 7 Jun 2022 14:02

Instrument :

BNA_G

ClientSampleId :

11939



Tgt Ion:252 Resp: 28126

Ion Ratio Lower Upper

252 100

253 25.7 18.0 27.0

125 7.0 4.6 6.8#

