

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053858.D
 Acq On : 9 Jun 2022 13:10
 Operator : CG/JU
 Sample : PB145428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145428BL

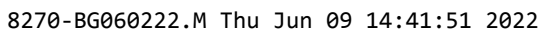
Quant Time: Jun 09 14:41:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

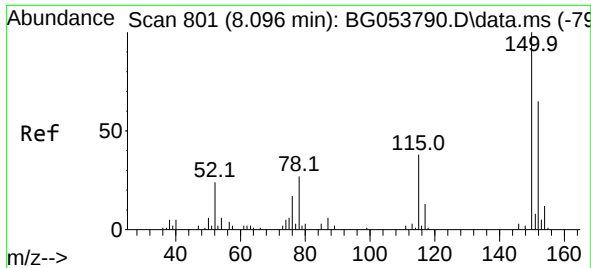
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	24824	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	98678	20.000	ng	# 0.00
39) Acenaphthene-d10	14.713	164	71161	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	190260	20.000	ng	0.00
76) Chrysene-d12	21.734	240	221686	20.000	ng	0.00
86) Perylene-d12	25.006	264	217964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	190153	140.665	ng	0.00
7) Phenol-d6	7.245	99	245652	134.151	ng	0.00
23) Nitrobenzene-d5	9.248	82	157722	104.961	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	145083	167.960	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	431878	90.793	ng	0.00
79) Terphenyl-d14	20.065	244	998065	89.566	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	20795	16.034	ng	# 77
24) Nitrobenzene	9.254	77	477	3.239	ng	# 48
48) 2-Nitroaniline	13.344	65	519	5.504	ng	# 1
51) 2,6-Dinitrotoluene	14.713	165	9752	13.592	ng	# 16
57) 2,4-Dinitrotoluene	14.713	165	9752	11.351	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.193	198	156	5.792	ng	# 1
67) 4-Bromophenyl-phenylether	16.199	248	8992	4.350	ng	# 1
77) Benzidine	20.065	184	12911	2.382	ng	# 92

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

Quant Time: Jun 09 14:41:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
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QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

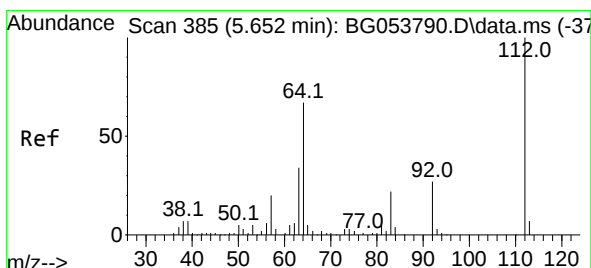
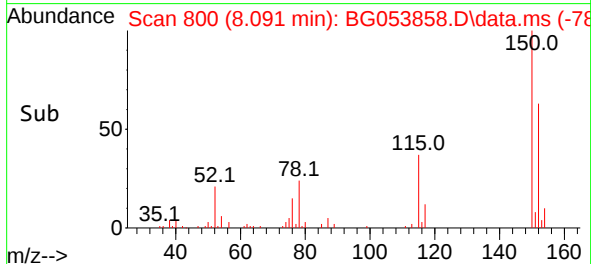
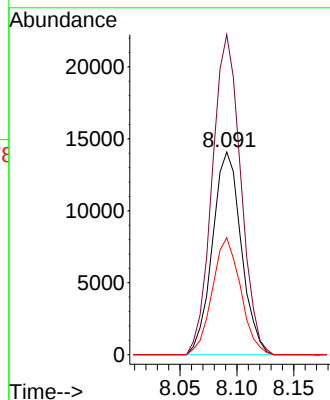
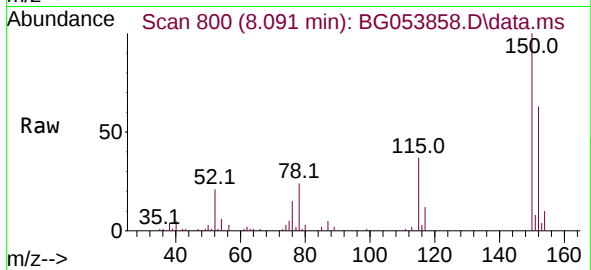




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

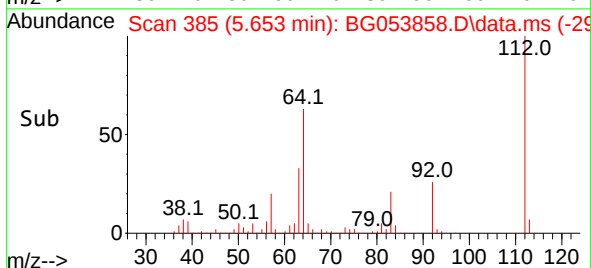
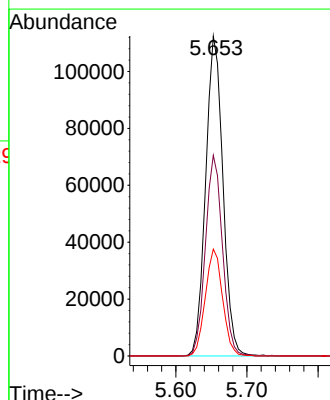
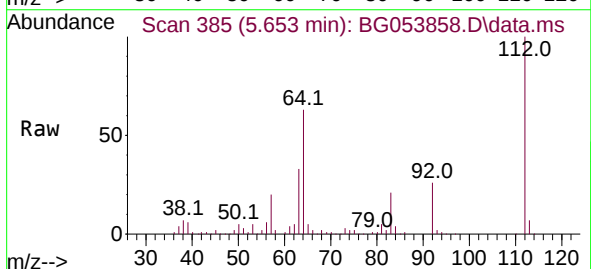
Instrument :
BNA_G
ClientSampleId :
PB145428BL

Tgt Ion:152 Resp: 24824
Ion Ratio Lower Upper
152 100
150 157.8 131.6 197.4
115 57.7 50.9 76.3



#5
2-Fluorophenol
Concen: 140.665 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Tgt Ion:112 Resp: 190153
Ion Ratio Lower Upper
112 100
64 62.7 55.1 82.7
63 33.4 30.4 45.6

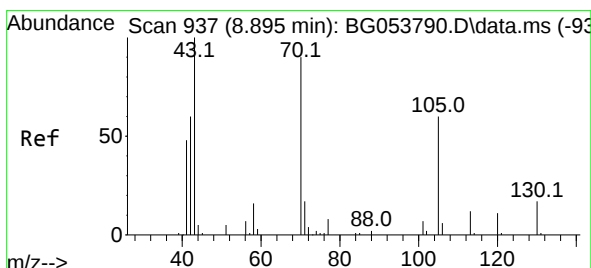
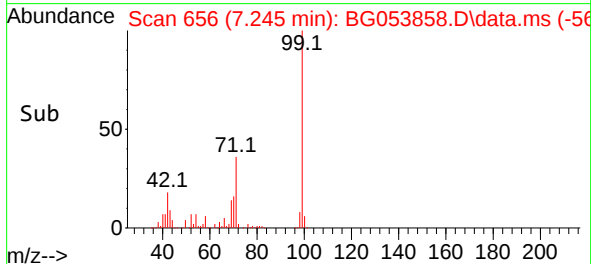
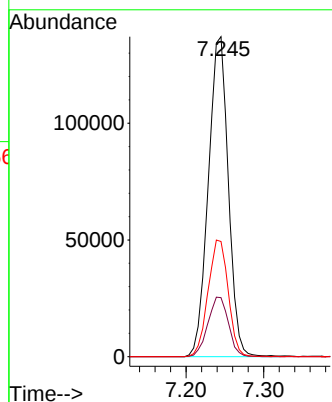
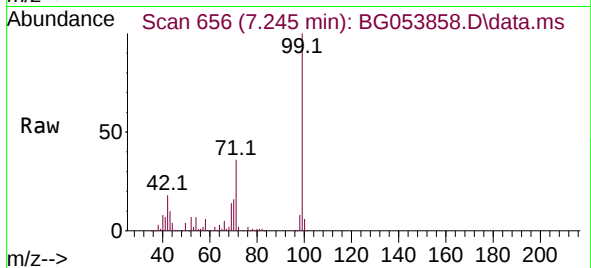




#7
Phenol-d6
Concen: 134.151 ng
RT: 7.245 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

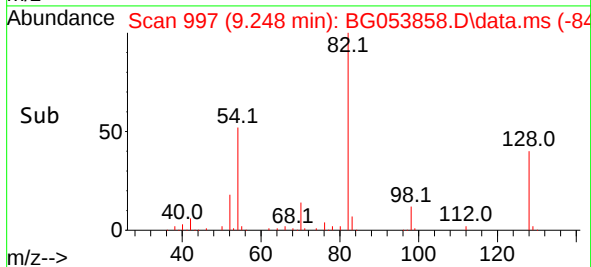
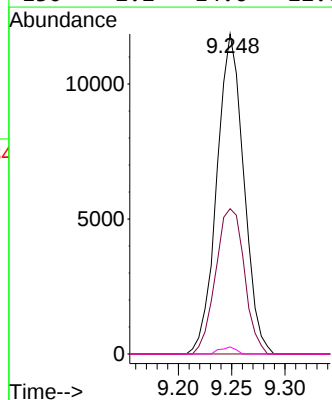
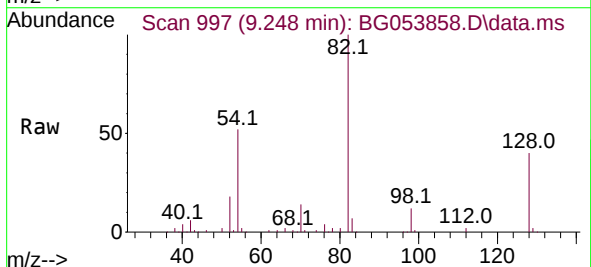
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ClientSampleId :
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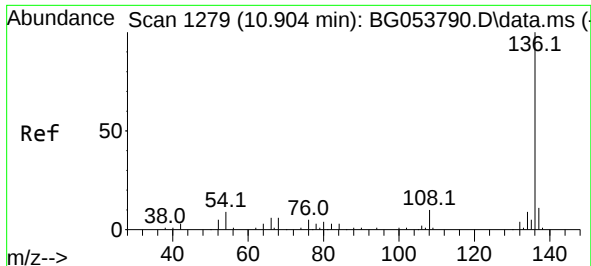
Tgt Ion: 99 Resp: 245652
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 36.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.034 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Tgt Ion: 70 Resp: 20795
Ion Ratio Lower Upper
70 100
42 45.4 47.3 70.9#
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#





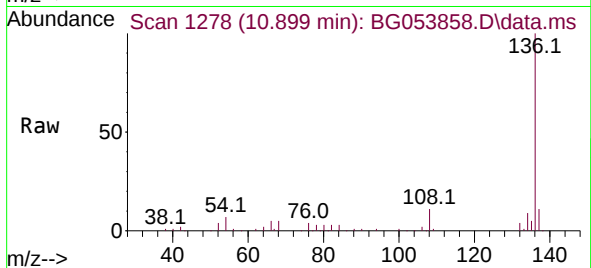
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Instrument :

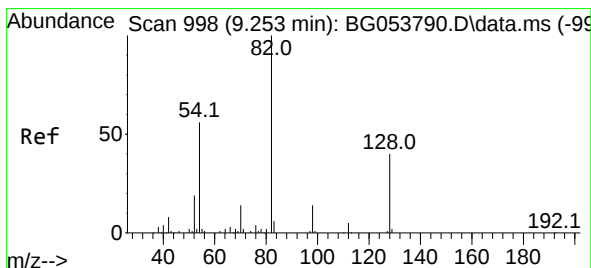
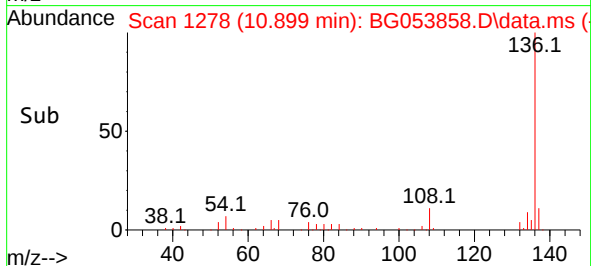
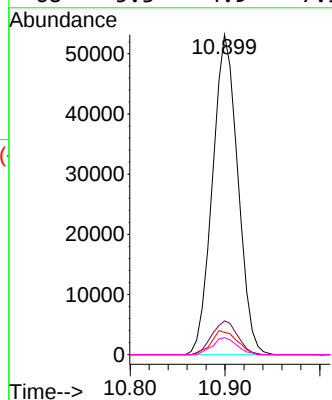
BNA_G

ClientSampleId :

PB145428BL

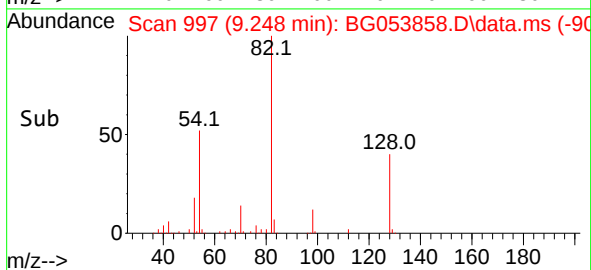
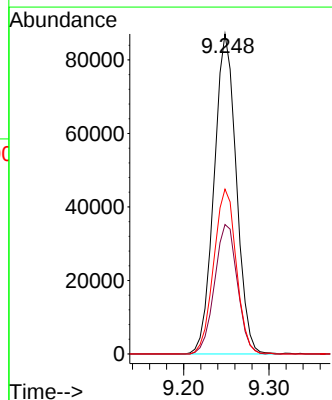
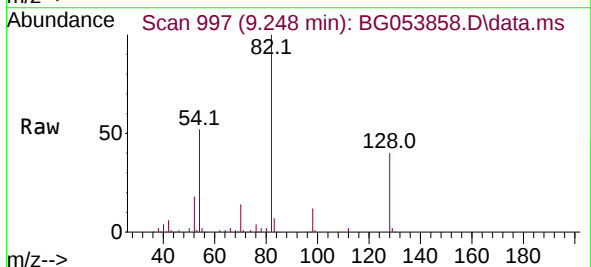


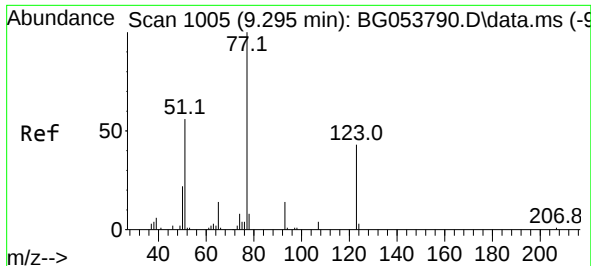
Tgt Ion:136 Resp: 98678
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.9 7.4 11.2#
68 5.3 4.9 7.3



#23
Nitrobenzene-d5
Concen: 104.961 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Tgt Ion: 82 Resp: 157722
Ion Ratio Lower Upper
82 100
128 40.5 27.9 41.9
54 51.5 41.2 61.8

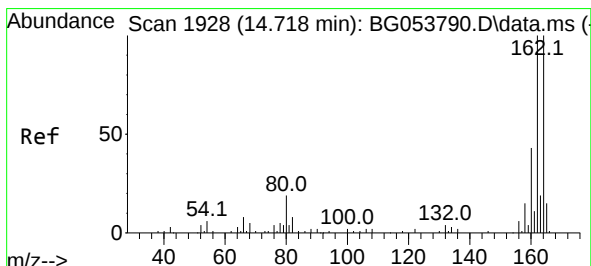
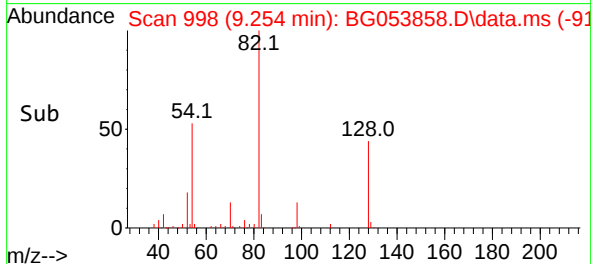
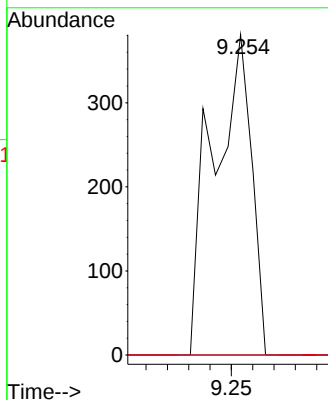
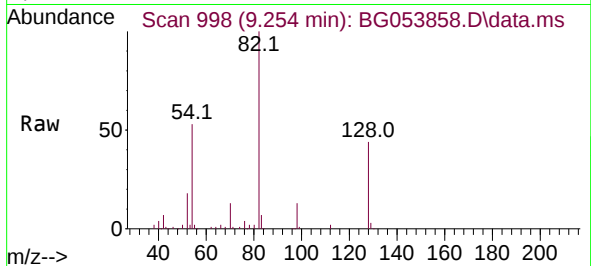




#24
Nitrobenzene
Concen: 3.239 ng
RT: 9.254 min Scan# 91
Delta R.T. -0.041 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

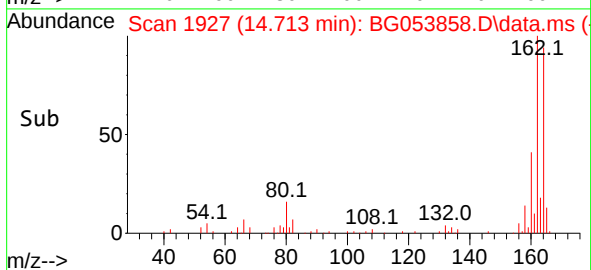
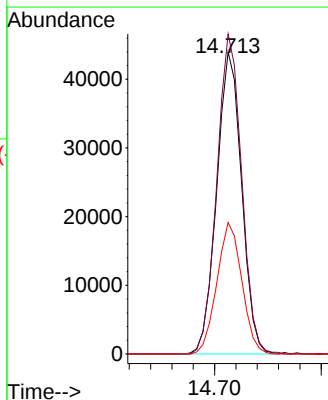
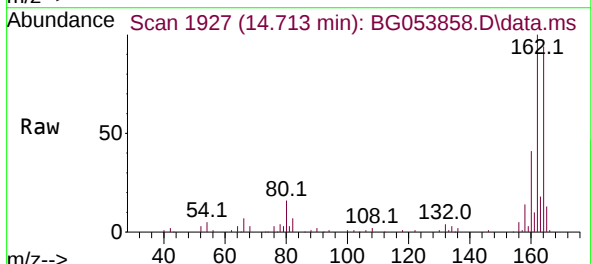
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ClientSampleId :
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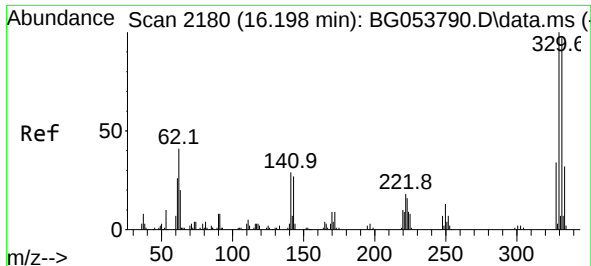
Tgt Ion: 77 Resp: 477
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Tgt Ion:164 Resp: 71161
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 43.6 34.2 51.2

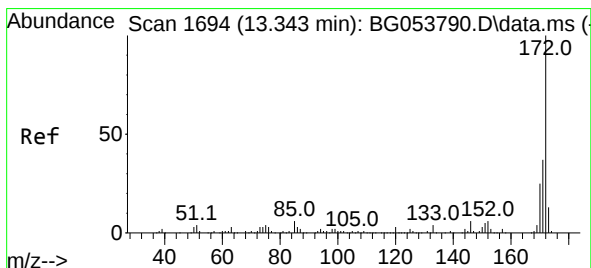
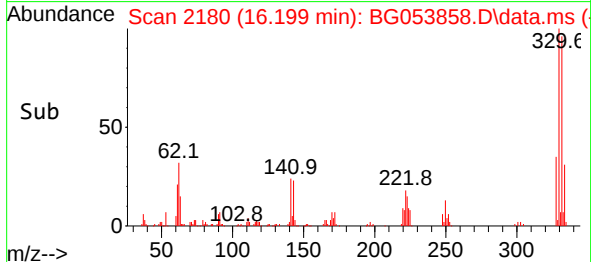
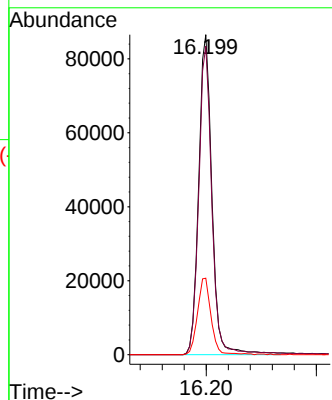
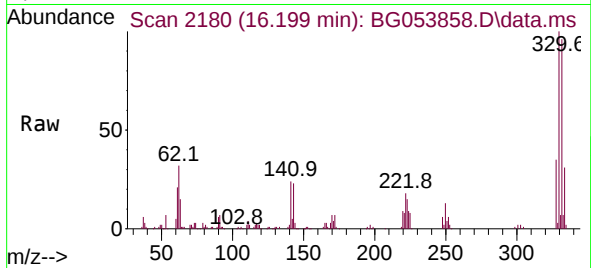




#42
2,4,6-Tribromophenol
Concen: 167.960 ng
RT: 16.199 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

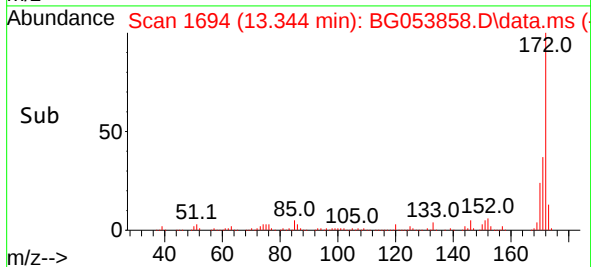
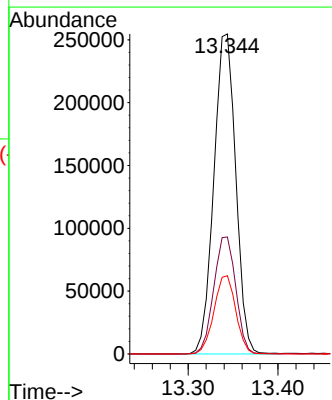
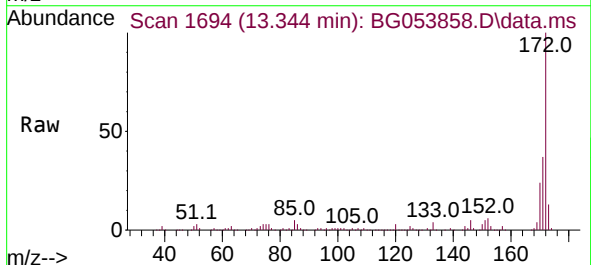
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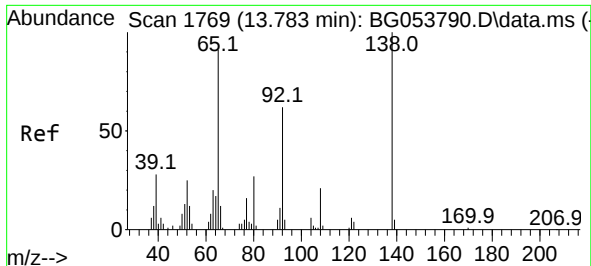
Tgt Ion:330 Resp: 145083
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 24.2 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 90.793 ng
RT: 13.344 min Scan# 1694
Delta R.T. 0.001 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Tgt Ion:172 Resp: 431878
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.4 18.9 28.3

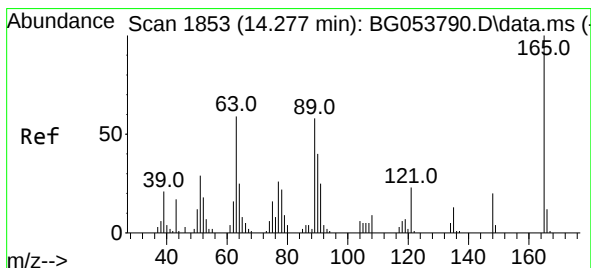
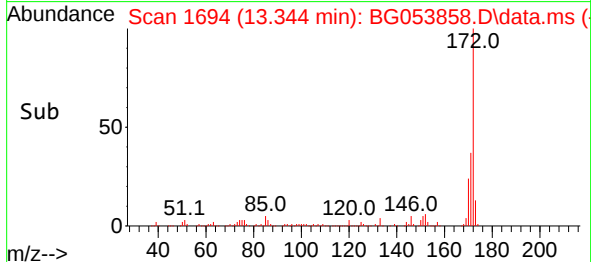
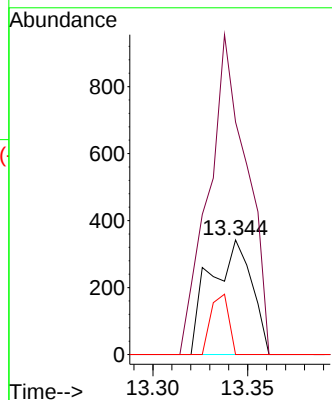
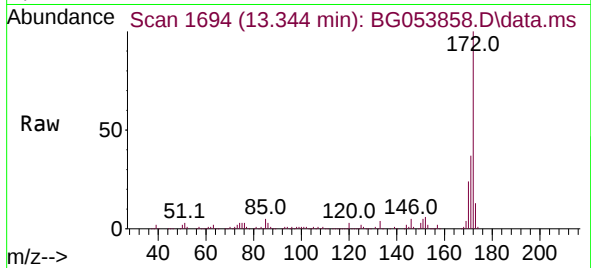




#48
2-Nitroaniline
Concen: 5.504 ng
RT: 13.344 min Scan# 1
Delta R.T. -0.439 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

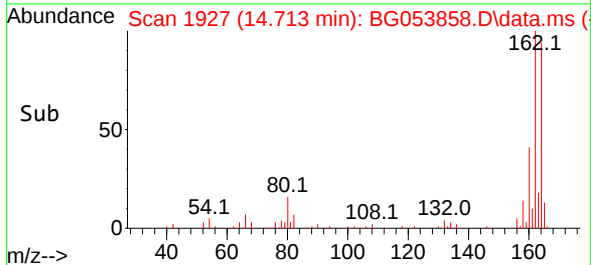
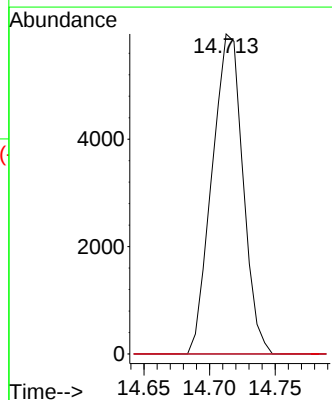
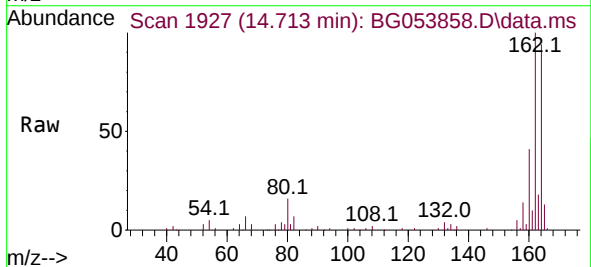
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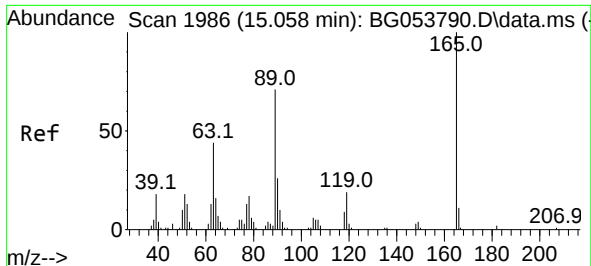
Tgt Ion: 65 Resp: 519
Ion Ratio Lower Upper
65 100
92 202.9 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.592 ng
RT: 14.713 min Scan# 1927
Delta R.T. 0.436 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Tgt Ion: 165 Resp: 9752
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.351 ng

RT: 14.713 min Scan# 1986

Delta R.T. -0.345 min

Lab File: BG053858.D

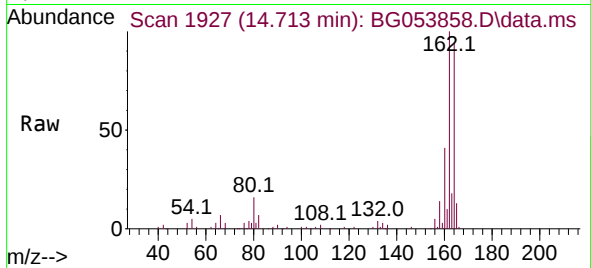
Acq: 9 Jun 2022 13:10

Instrument :

BNA_G

ClientSampleId :

PB145428BL



Tgt Ion:165 Resp: 9752

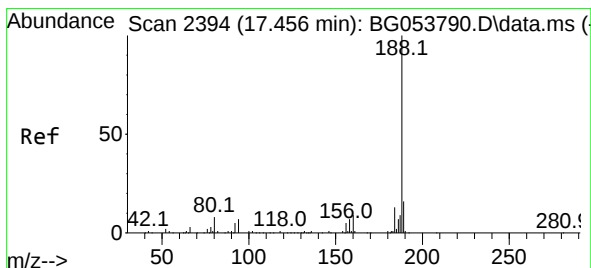
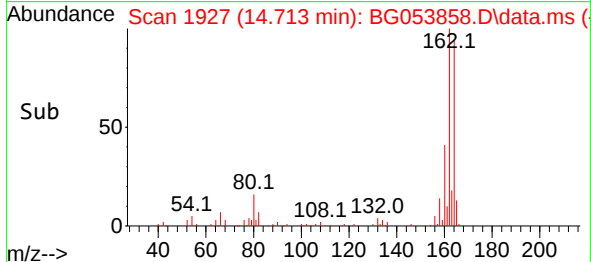
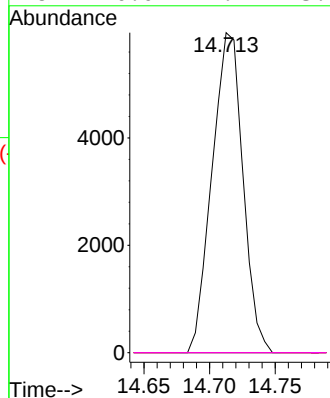
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.456 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BG053858.D

Acq: 9 Jun 2022 13:10

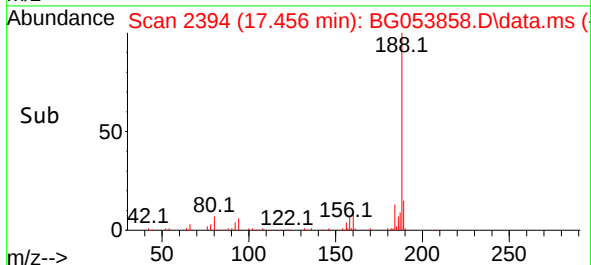
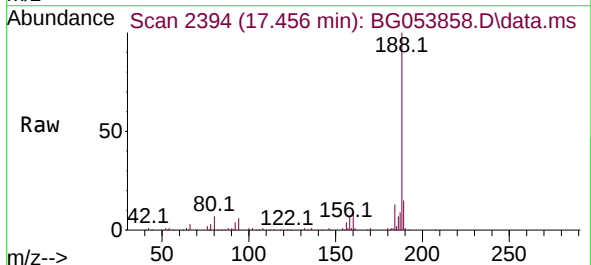
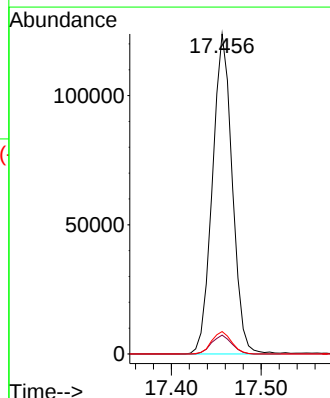
Tgt Ion:188 Resp: 190260

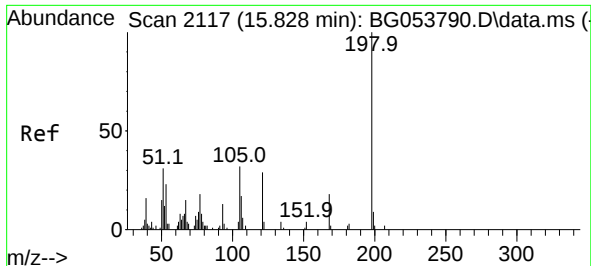
Ion Ratio Lower Upper

188 100

94 5.9 5.4 8.0

80 7.0 6.8 10.2

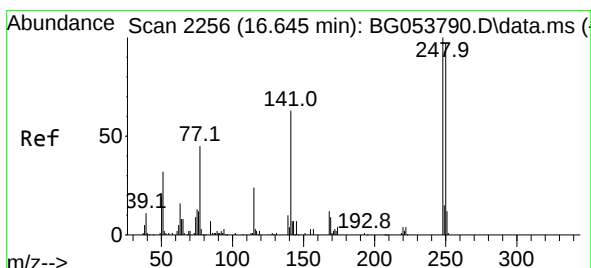
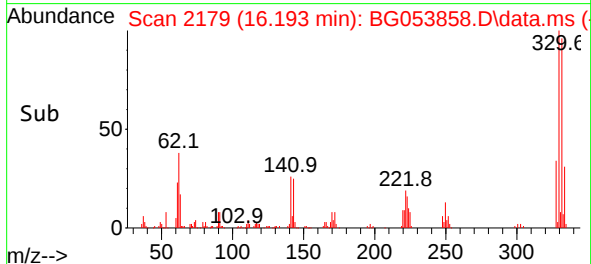
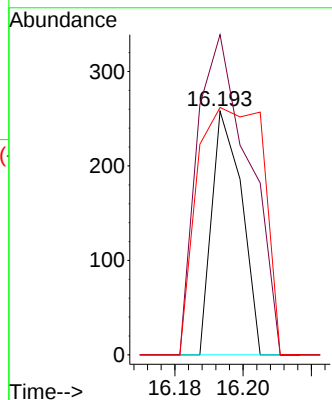
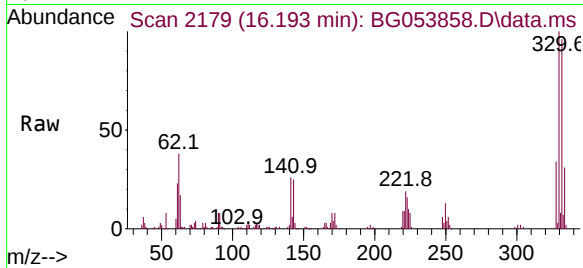




#65
4,6-Dinitro-2-methylphenol
Concen: 5.792 ng
RT: 16.193 min Scan# 2117
Delta R.T. 0.365 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

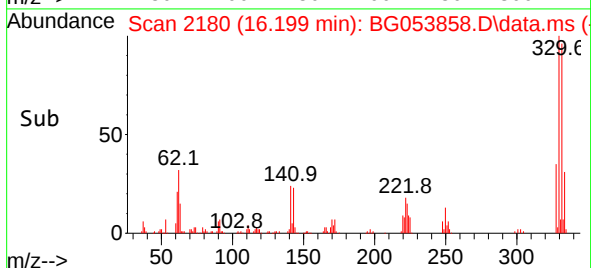
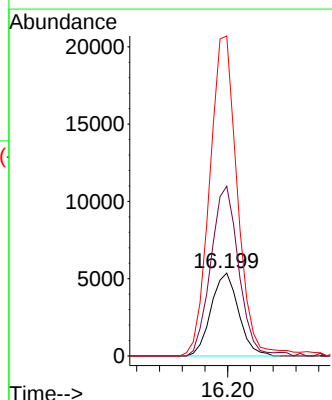
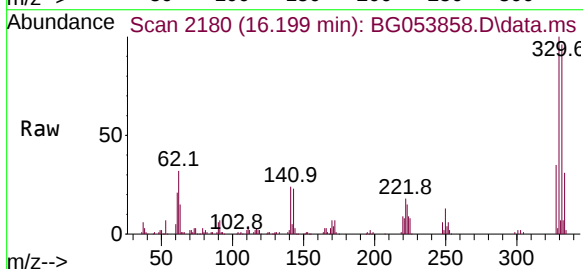
Instrument :
BNA_G
ClientSampleId :
PB145428BL

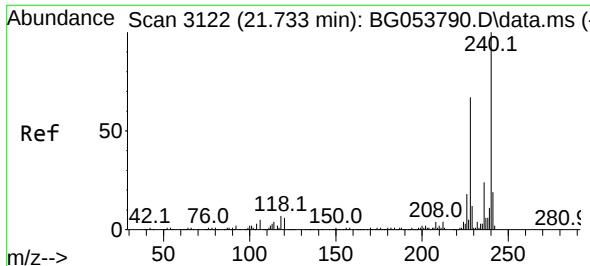
Tgt Ion:198 Resp: 156
Ion Ratio Lower Upper
198 100
51 131.4 28.1 68.1#
105 101.6 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 4.350 ng
RT: 16.199 min Scan# 2180
Delta R.T. -0.446 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

Tgt Ion:248 Resp: 8992
Ion Ratio Lower Upper
248 100
250 155.2 75.2 112.8#
141 292.7 50.0 75.0#

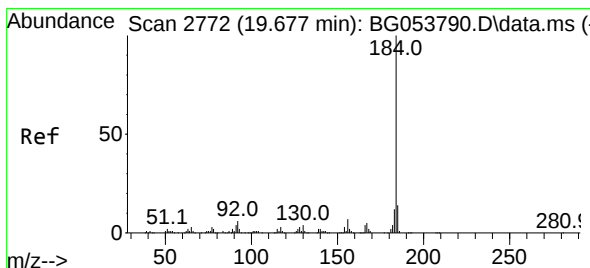
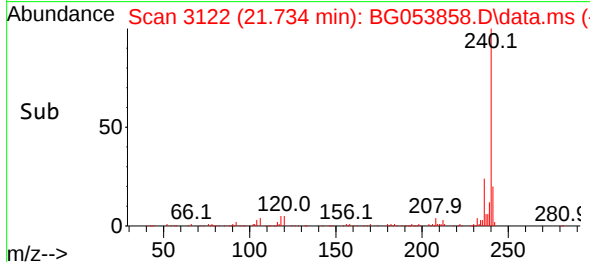
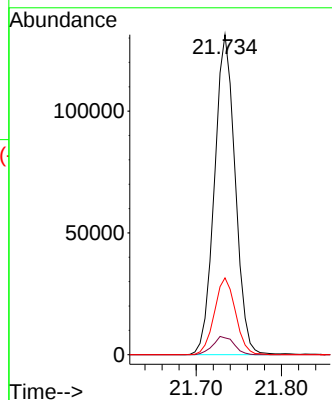
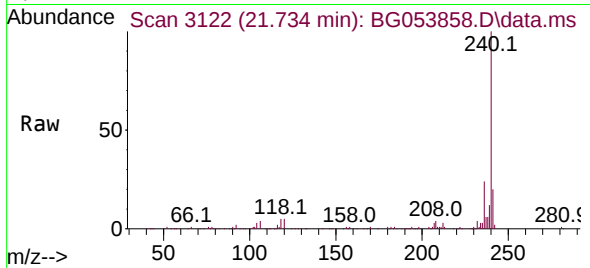




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

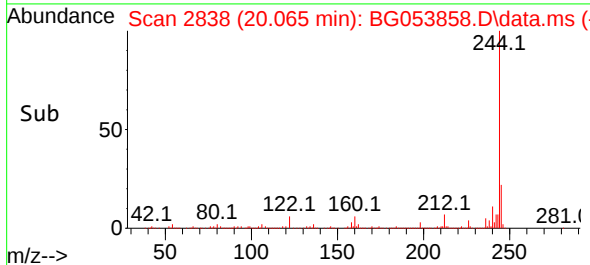
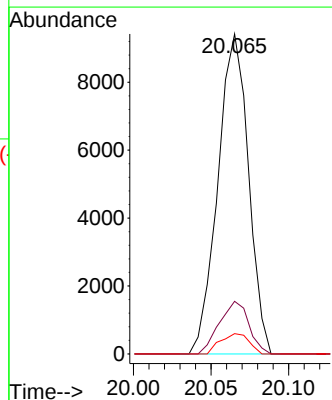
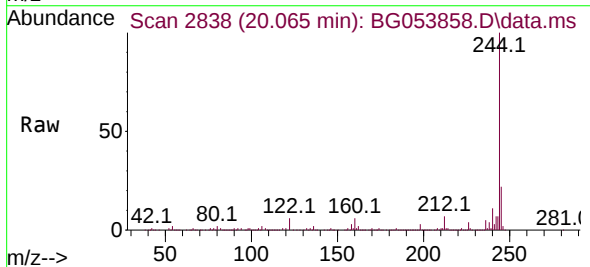
Instrument :
BNA_G
ClientSampleId :
PB145428BL

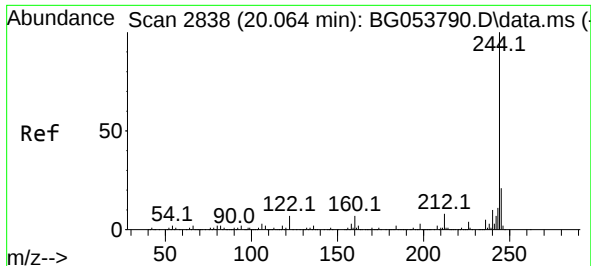
Tgt Ion:240 Resp: 221686
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 24.0 20.2 30.4



#77
Benzidine
Concen: 2.382 ng
RT: 20.065 min Scan# 2838
Delta R.T. 0.389 min
Lab File: BG053858.D
Acq: 9 Jun 2022 13:10

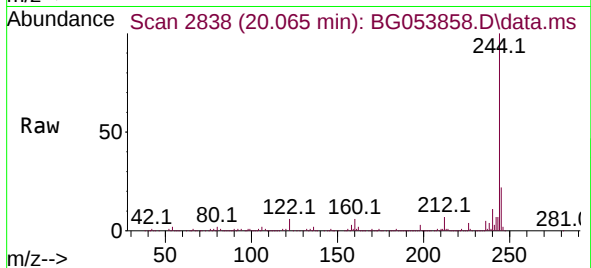
Tgt Ion:184 Resp: 12911
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.6
183 6.4 8.9 13.3#



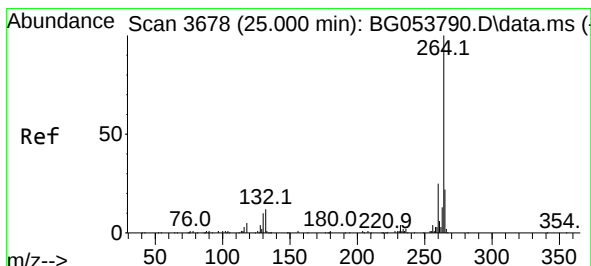
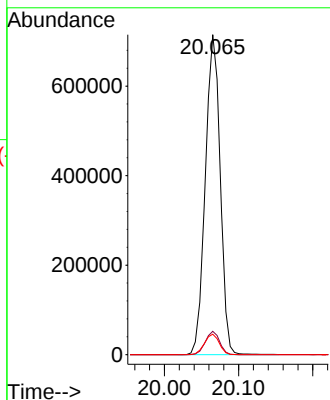
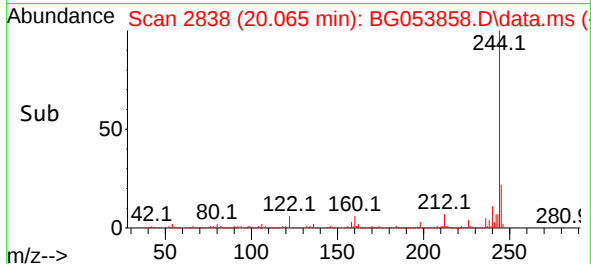


#79
 Terphenyl-d14
 Concen: 89.566 ng
 RT: 20.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053858.D
 Acq: 9 Jun 2022 13:10

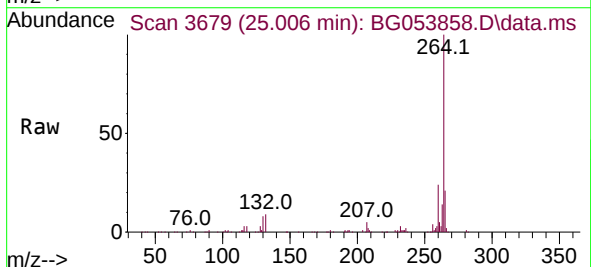
Instrument :
 BNA_G
 ClientSampleId :
 PB145428BL



Tgt Ion:244 Resp: 998065
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3679
 Delta R.T. 0.007 min
 Lab File: BG053858.D
 Acq: 9 Jun 2022 13:10



Tgt Ion:264 Resp: 217964
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.4 17.4 26.2

