

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054262.D
 Acq On : 12 Jul 2022 19:03
 Operator : CG/JU
 Sample : N3649-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-3-UC

Quant Time: Jul 13 01:36:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

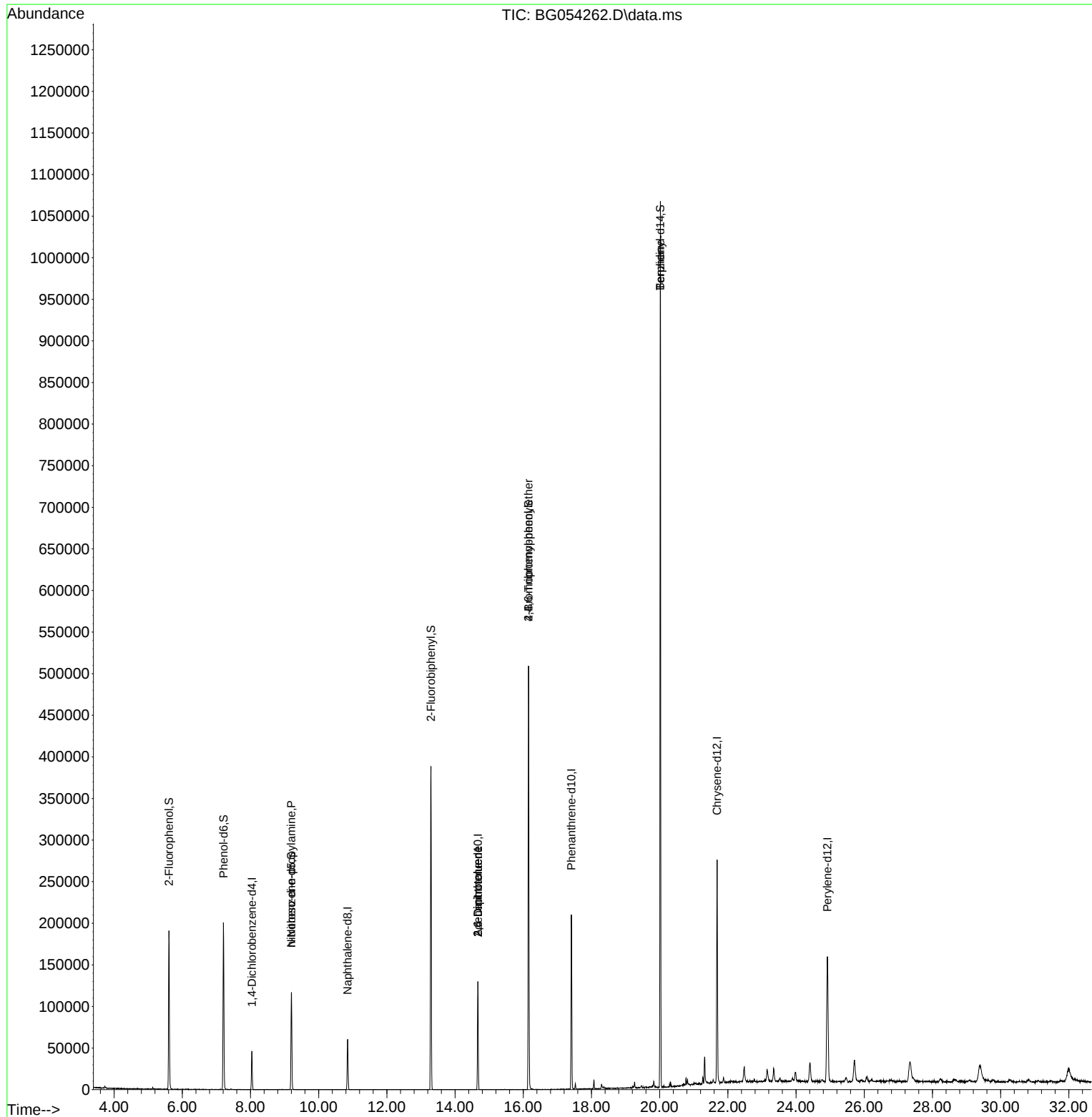
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	15066	20.000	ng	# 0.00
21) Naphthalene-d8	10.849	136	56599	20.000	ng	# 0.00
39) Acenaphthene-d10	14.668	164	50460	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	157735	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	185461	20.000	ng	# 0.00
86) Perylene-d12	24.921	264	192312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	86493	115.341	ng	0.00
7) Phenol-d6	7.207	99	115307	111.485	ng	0.00
23) Nitrobenzene-d5	9.198	82	74034	70.983	ng	0.00
42) 2,4,6-Tribromophenol	16.155	330	134631	137.736	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	231162	67.312	ng	0.00
79) Terphenyl-d14	20.021	244	614488	68.134	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.198	70	10955	15.515	ng	# 74
51) 2,6-Dinitrotoluene	14.668	165	7071	8.211	ng	# 16
57) 2,4-Dinitrotoluene	14.668	165	7071	5.671	ng	# 21
67) 4-Bromophenyl-phenylether	16.155	248	8293	3.942	ng	# 1
77) Benzidine	20.021	184	7983	2.452	ng	# 96

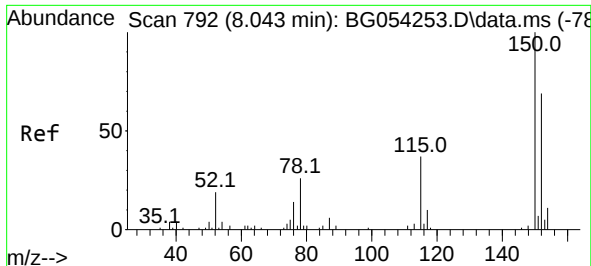
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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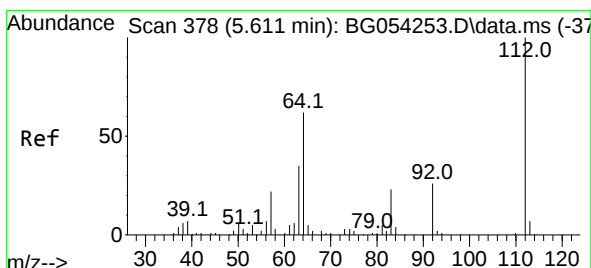
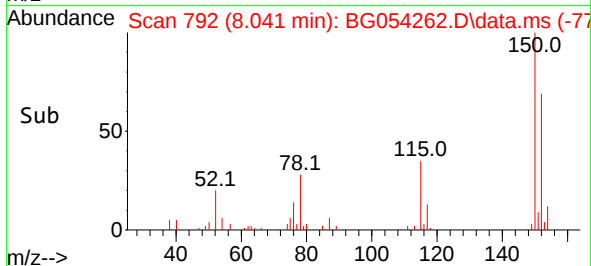
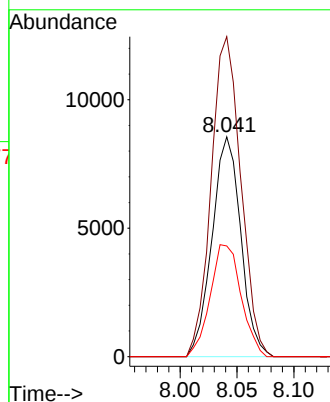
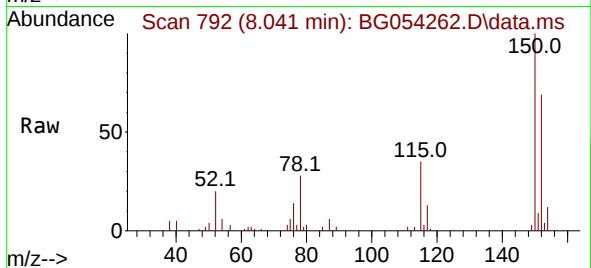




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.041 min Scan# 792
Delta R.T. -0.002 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

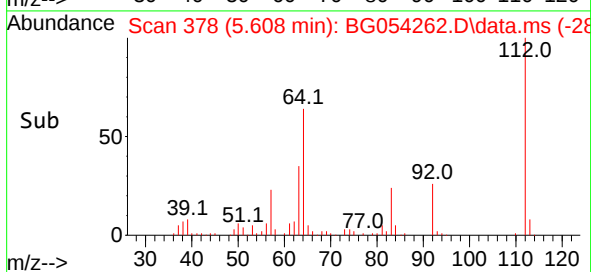
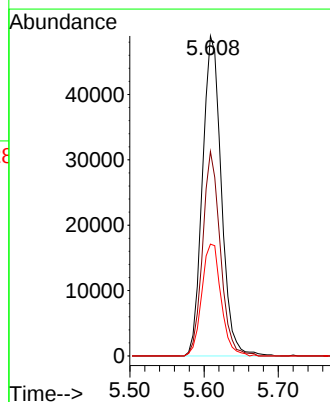
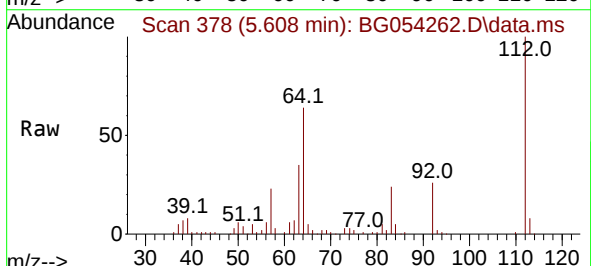
Instrument :
BNA_G
ClientSampleId :
A-3-UC

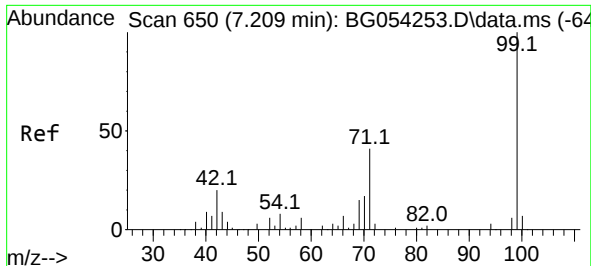
Tgt Ion:152 Resp: 15066
Ion Ratio Lower Upper
152 100
150 145.5 131.6 197.4
115 50.4 50.9 76.3#



#5
2-Fluorophenol
Concen: 115.341 ng
RT: 5.608 min Scan# 378
Delta R.T. -0.002 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

Tgt Ion:112 Resp: 86493
Ion Ratio Lower Upper
112 100
64 63.9 55.1 82.7
63 34.9 30.4 45.6

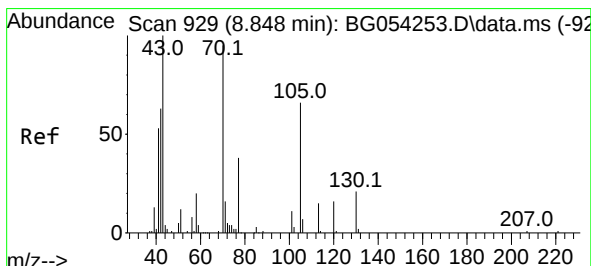
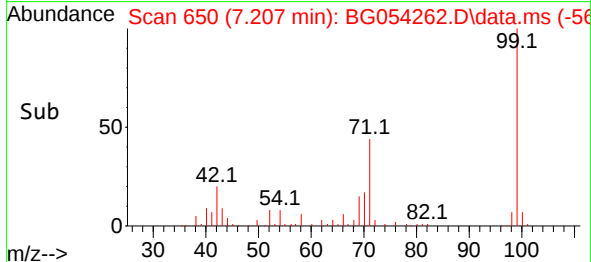
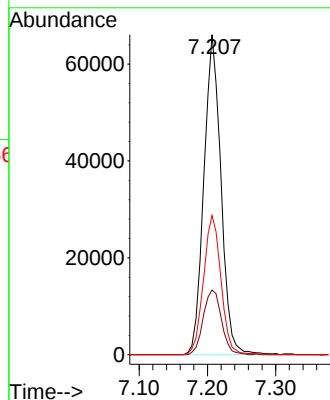
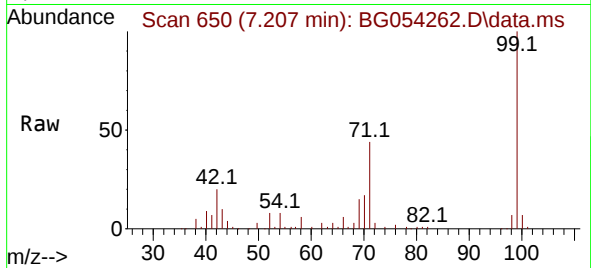




#7
Phenol-d6
Concen: 111.485 ng
RT: 7.207 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

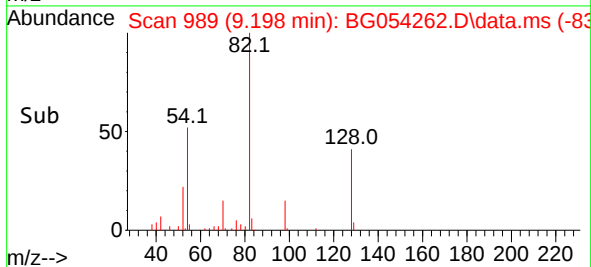
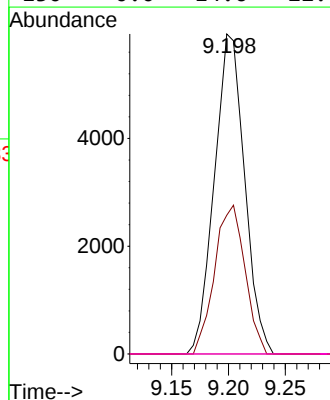
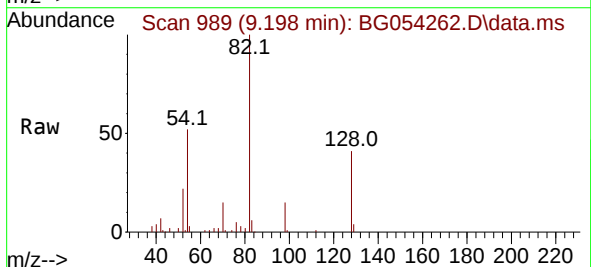
Instrument :
BNA_G
ClientSampleId :
A-3-UC

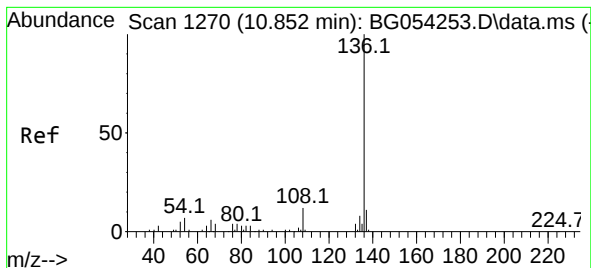
Tgt Ion: 99 Resp: 115307
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 43.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.515 ng
RT: 9.198 min Scan# 989
Delta R.T. 0.350 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

Tgt Ion: 70 Resp: 10955
Ion Ratio Lower Upper
70 100
42 43.4 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.849 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG054262.D

Acq: 12 Jul 2022 19:03

Instrument :

BNA_G

ClientSampleId :

A-3-UC

Tgt Ion:136 Resp: 56599

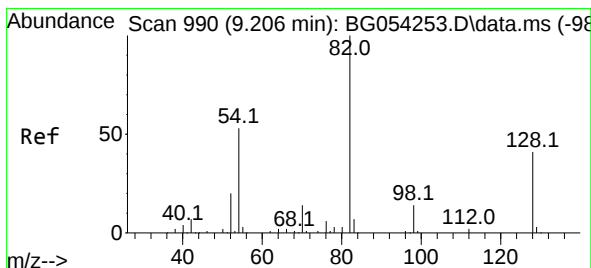
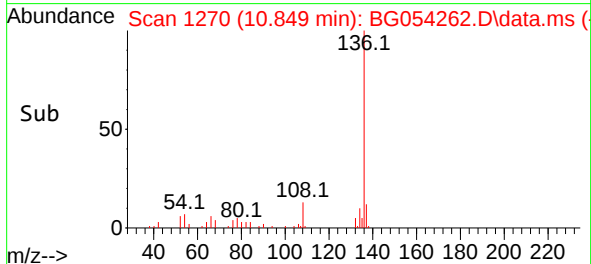
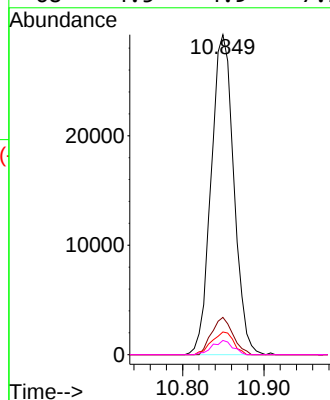
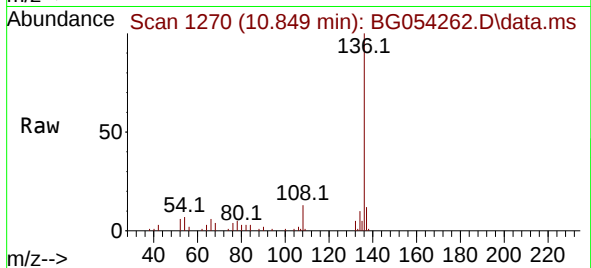
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 7.1 7.4 11.2#

68 4.5 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 70.983 ng

RT: 9.198 min Scan# 989

Delta R.T. -0.008 min

Lab File: BG054262.D

Acq: 12 Jul 2022 19:03

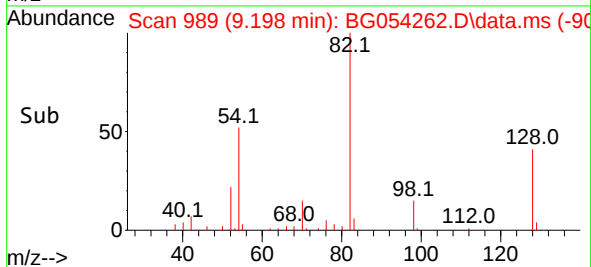
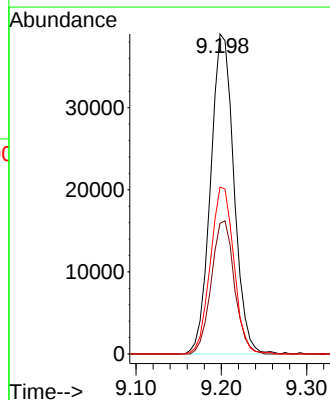
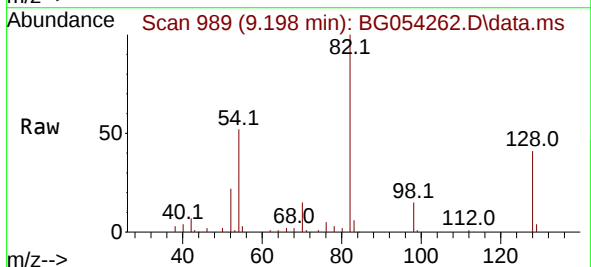
Tgt Ion: 82 Resp: 74034

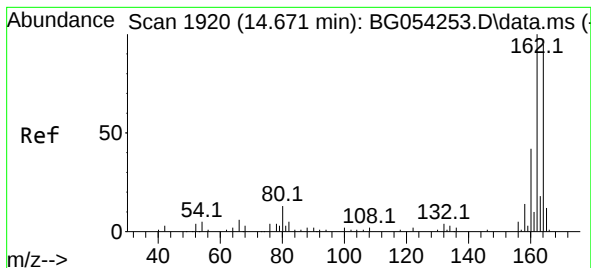
Ion Ratio Lower Upper

82 100

128 40.9 27.9 41.9

54 52.2 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.668 min Scan# 1920

Delta R.T. -0.003 min

Lab File: BG054262.D

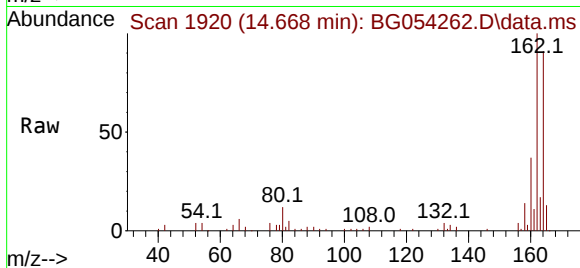
Acq: 12 Jul 2022 19:03

Instrument :

BNA_G

ClientSampleId :

A-3-UC



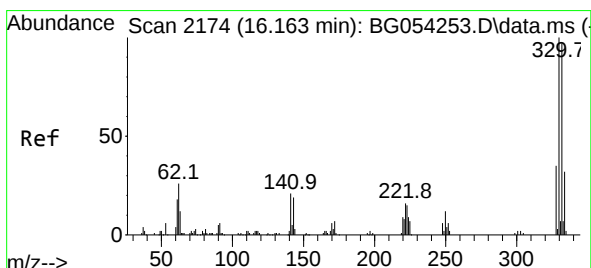
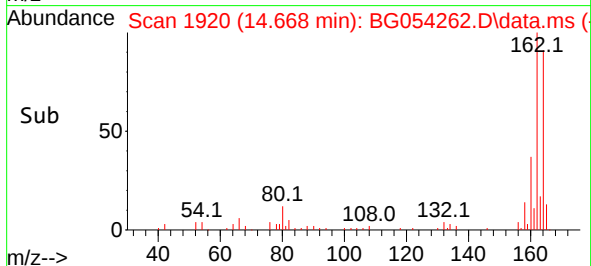
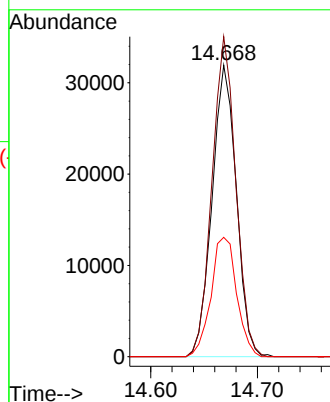
Tgt Ion:164 Resp: 50460

Ion Ratio Lower Upper

164 100

162 109.7 82.3 123.5

160 40.9 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 137.736 ng

RT: 16.155 min Scan# 2173

Delta R.T. -0.008 min

Lab File: BG054262.D

Acq: 12 Jul 2022 19:03

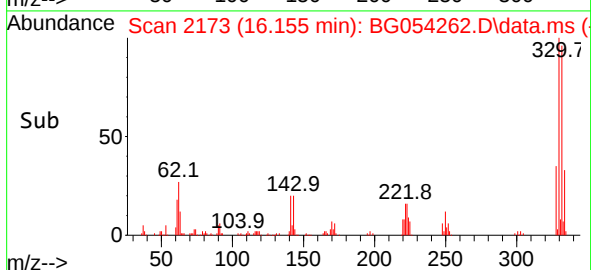
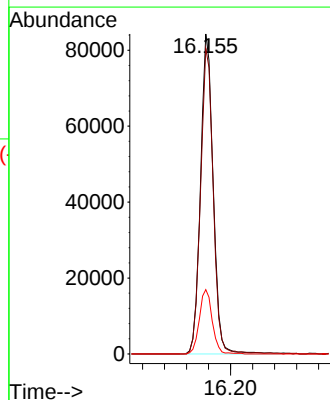
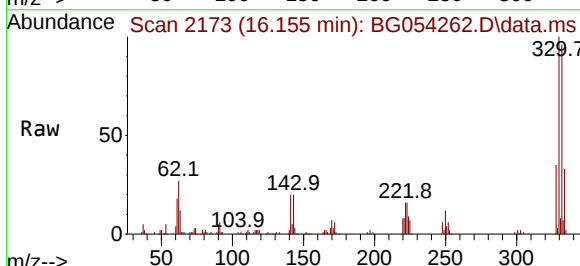
Tgt Ion:330 Resp: 134631

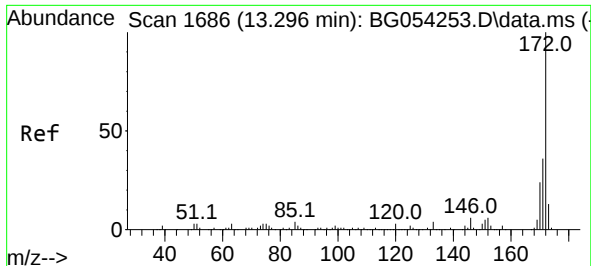
Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 20.5 27.1 40.7#

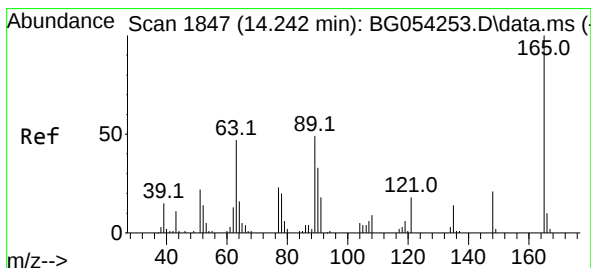
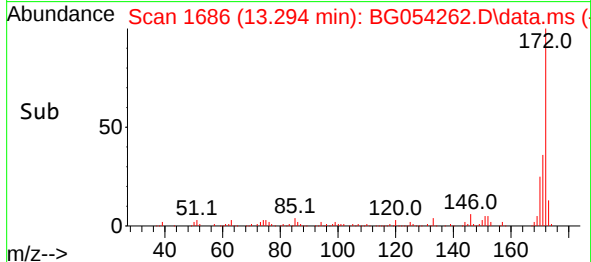
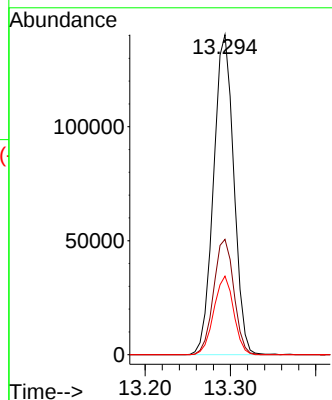
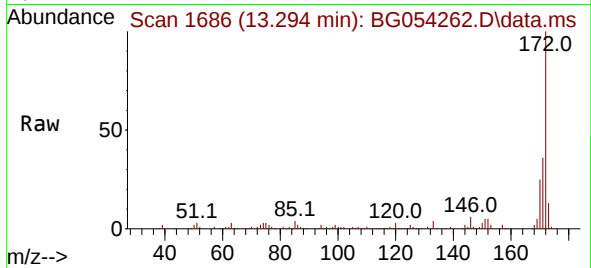




#45
2-Fluorobiphenyl
Concen: 67.312 ng
RT: 13.294 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

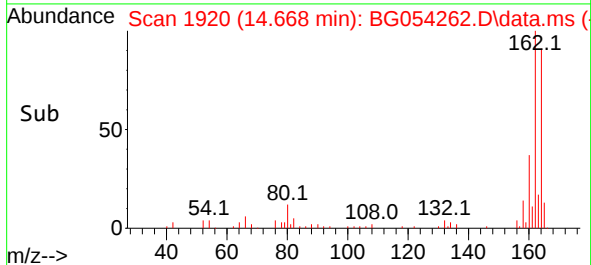
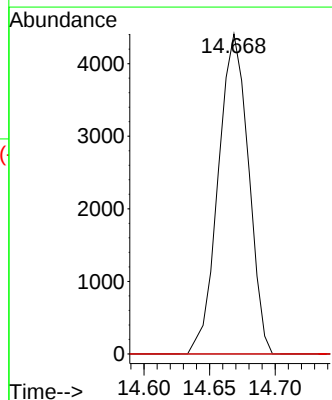
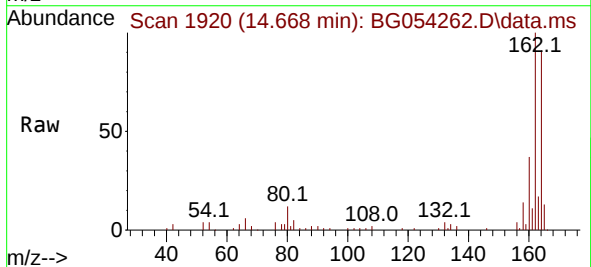
Instrument :
BNA_G
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A-3-UC

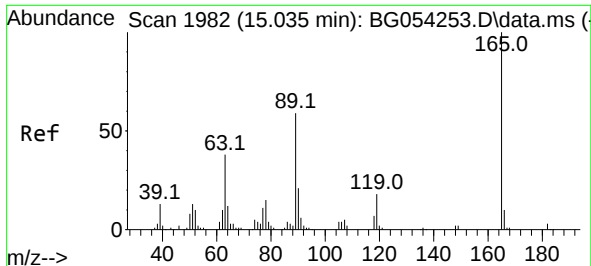
Tgt Ion:172 Resp: 231162
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.211 ng
RT: 14.668 min Scan# 1920
Delta R.T. 0.427 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

Tgt Ion:165 Resp: 7071
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: 5.671 ng

RT: 14.668 min Scan# 1982

Delta R.T. -0.366 min

Lab File: BG054262.D

Acq: 12 Jul 2022 19:03

Instrument :

BNA_G

ClientSampleId :

A-3-UC

Tgt Ion:165 Resp: 7071

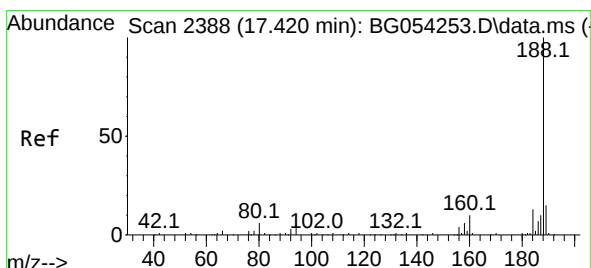
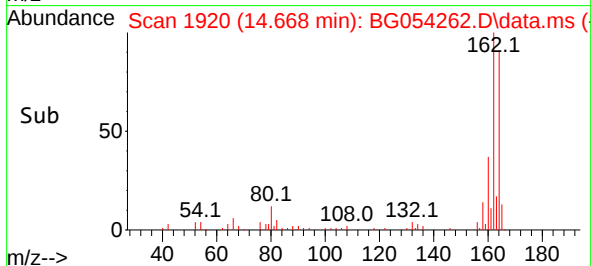
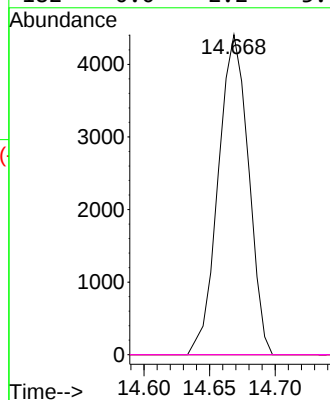
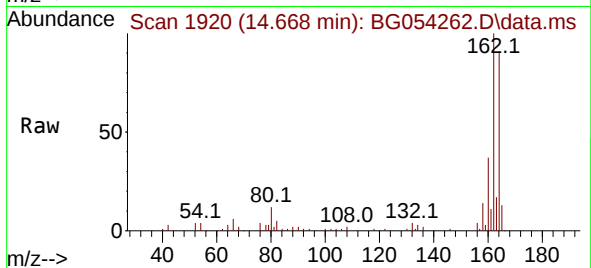
Ion Ratio Lower Upper

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: 17.412 min Scan# 2387

Delta R.T. -0.008 min

Lab File: BG054262.D

Acq: 12 Jul 2022 19:03

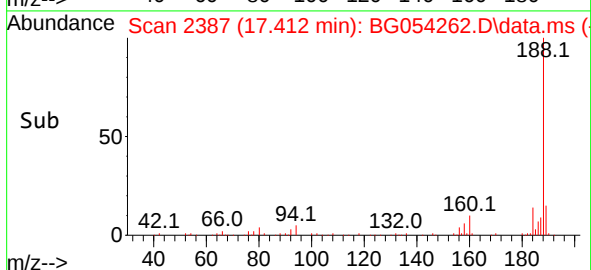
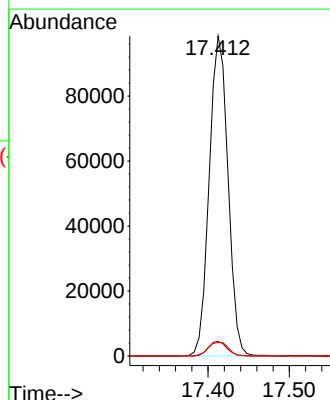
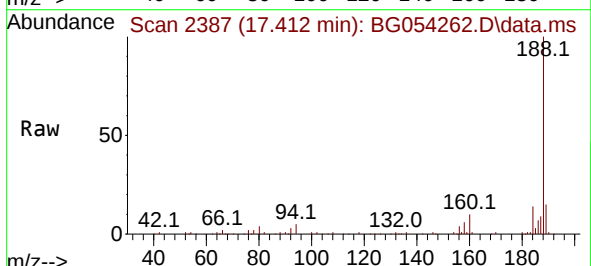
Tgt Ion:188 Resp: 157735

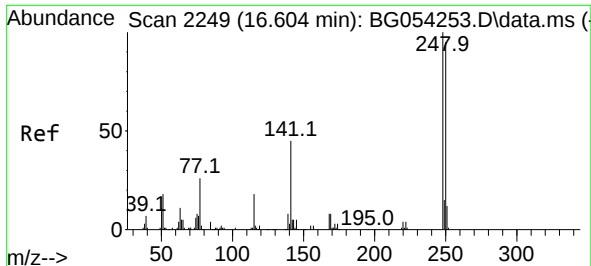
Ion Ratio Lower Upper

188 100

94 4.5 5.4 8.0#

80 4.2 6.8 10.2#

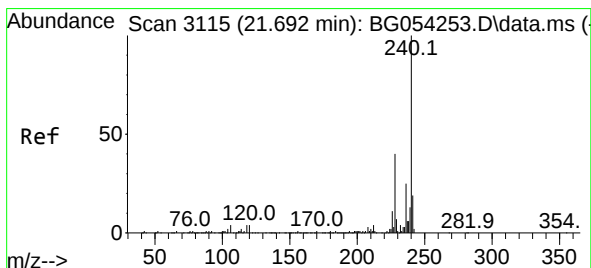
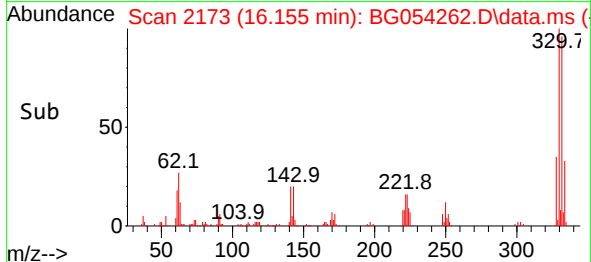
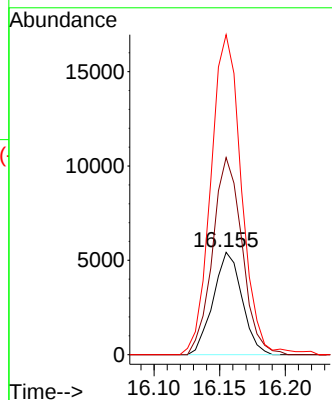
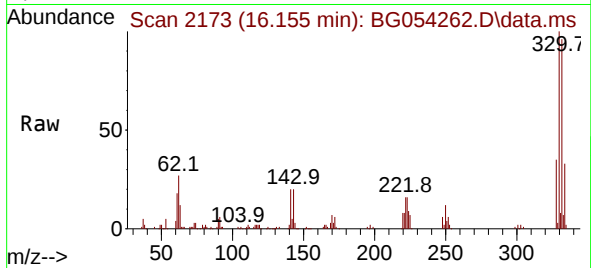




#67
4-Bromophenyl-phenylether
Concen: 3.942 ng
RT: 16.155 min Scan# 2113
Delta R.T. -0.449 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

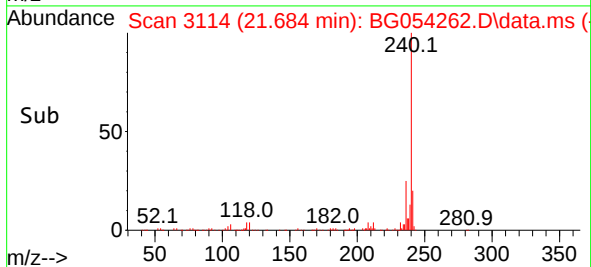
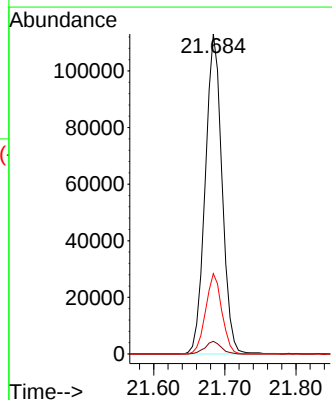
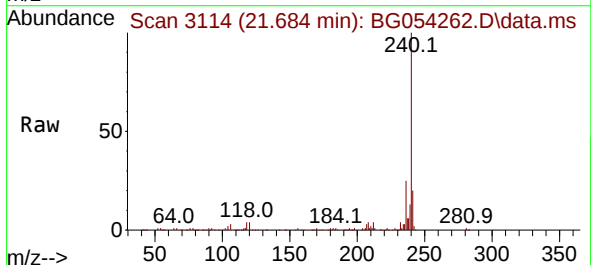
Instrument :
BNA_G
ClientSampleId :
A-3-UC

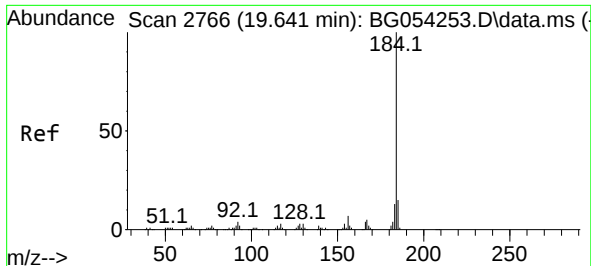
Tgt Ion:248 Resp: 8293
Ion Ratio Lower Upper
248 100
250 249.8 75.2 112.8#
141 312.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.684 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

Tgt Ion:240 Resp: 185461
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 25.1 20.2 30.4

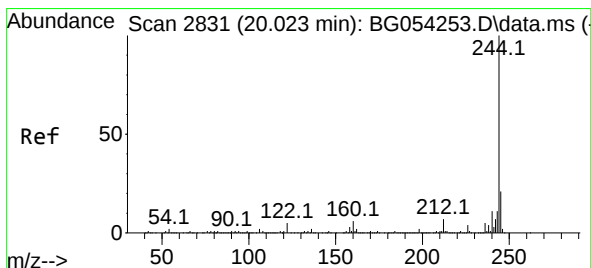
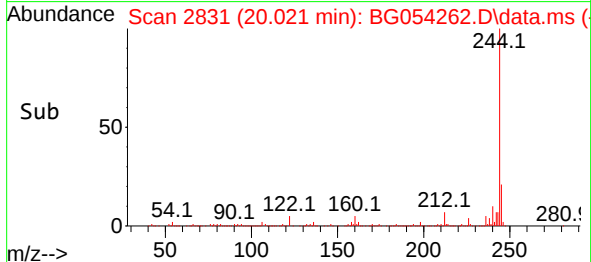
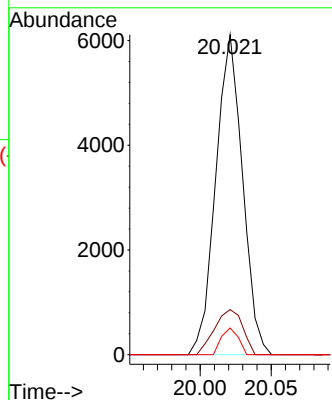
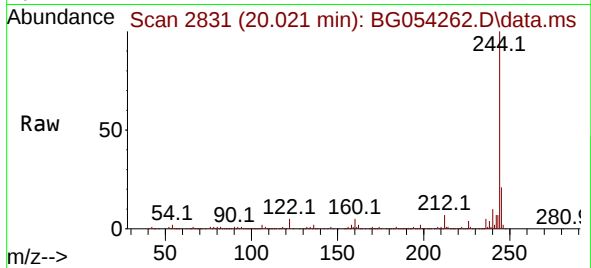




#77
Benzidine
Concen: 2.452 ng
RT: 20.021 min Scan# 2831
Delta R.T. 0.380 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

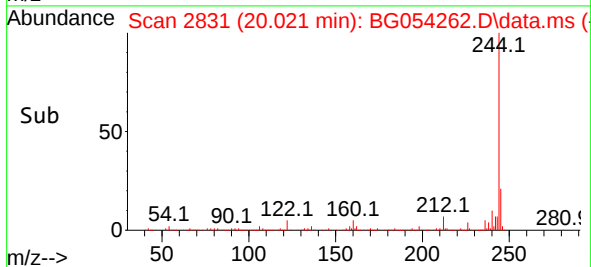
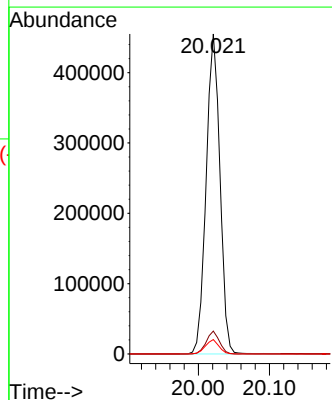
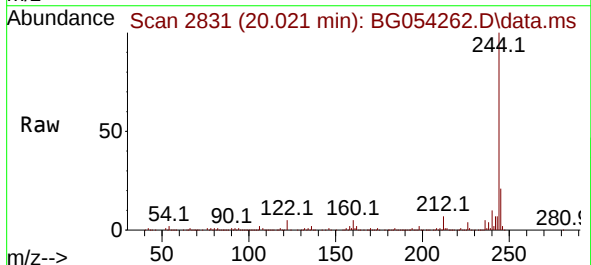
Instrument :
BNA_G
ClientSampleId :
A-3-UC

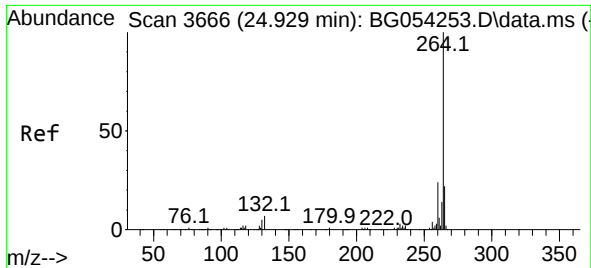
Tgt Ion:184 Resp: 7983
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 8.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 68.134 ng
RT: 20.021 min Scan# 2831
Delta R.T. -0.002 min
Lab File: BG054262.D
Acq: 12 Jul 2022 19:03

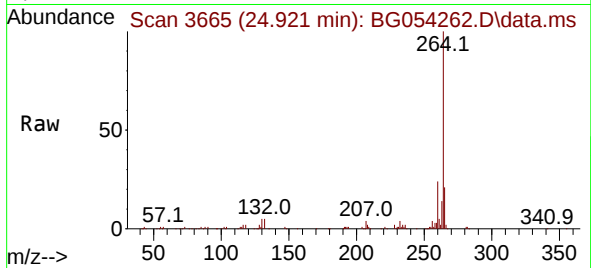
Tgt Ion:244 Resp: 614488
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.5 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.921 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG054262.D
 Acq: 12 Jul 2022 19:03

Instrument :
 BNA_G
 ClientSampleId :
 A-3-UC



Tgt Ion:264 Resp: 192312
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.3 17.4 26.2

