

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054266.D
 Acq On : 12 Jul 2022 21:54
 Operator : CG/JU
 Sample : N3649-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2-UC

Quant Time: Jul 13 01:37:07 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)

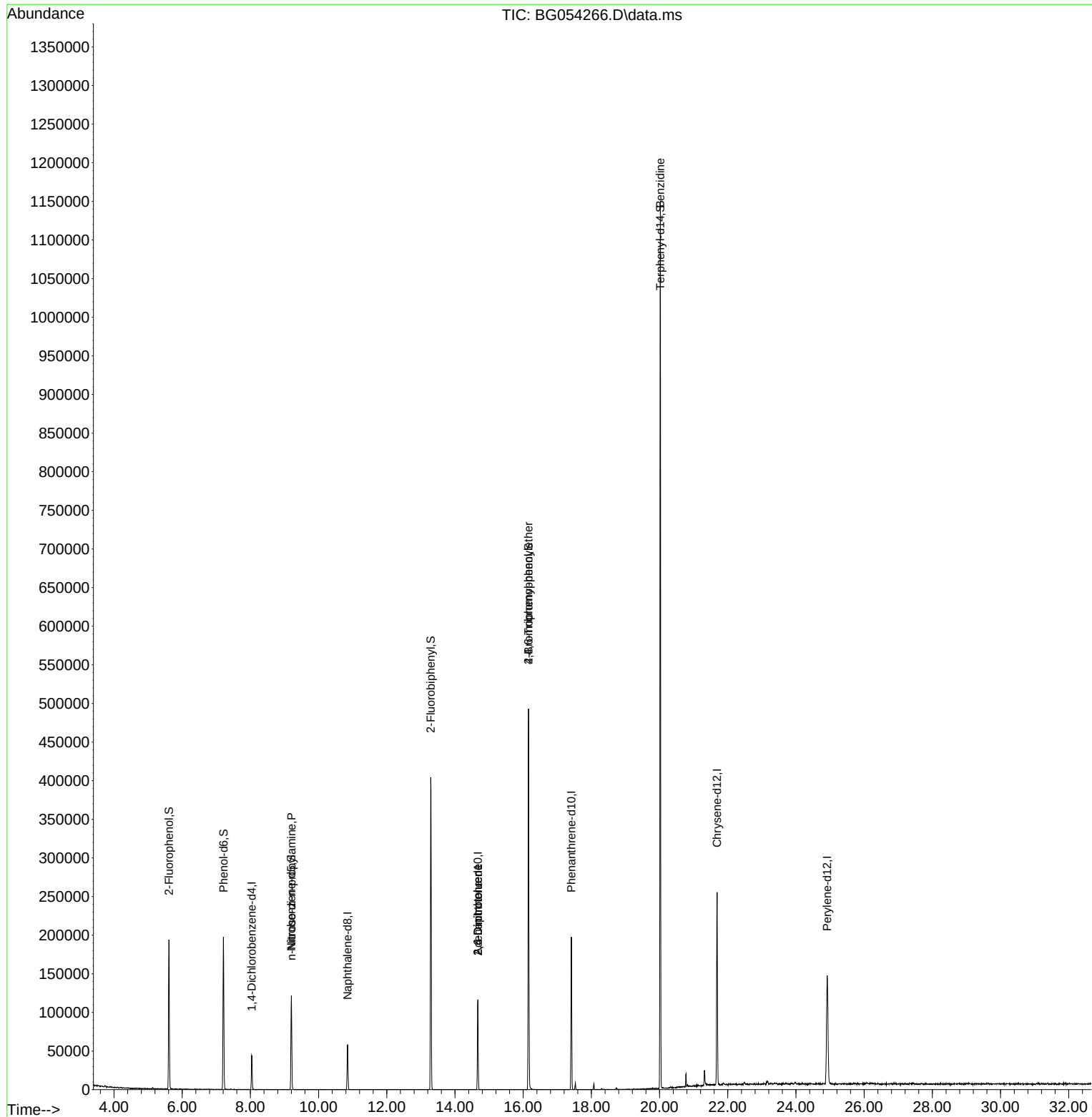
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	14175	20.000	ng	# 0.00
21) Naphthalene-d8	10.851	136	54768	20.000	ng	# 0.00
39) Acenaphthene-d10	14.670	164	46454	20.000	ng	0.00
64) Phenanthrene-d10	17.414	188	144979	20.000	ng	# 0.00
76) Chrysene-d12	21.685	240	183430	20.000	ng	# 0.00
86) Perylene-d12	24.917	264	187518	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	86611	122.758	ng	0.00
7) Phenol-d6	7.208	99	113115	116.240	ng	0.00
23) Nitrobenzene-d5	9.200	82	74639	73.956	ng	0.00
42) 2,4,6-Tribromophenol	16.156	330	128374	142.660	ng	0.00
45) 2-Fluorobiphenyl	13.289	172	244507	77.338	ng	0.00
79) Terphenyl-d14	20.022	244	664769	74.525	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.206	70	10407	15.665	ng	# 81
51) 2,6-Dinitrotoluene	14.670	165	6502	8.202	ng	# 16
57) 2,4-Dinitrotoluene	14.670	165	6502	5.664	ng	# 21
67) 4-Bromophenyl-phenylether	16.156	248	7770	4.018	ng	# 1
77) Benzidine	20.016	184	8559	2.658	ng	# 90

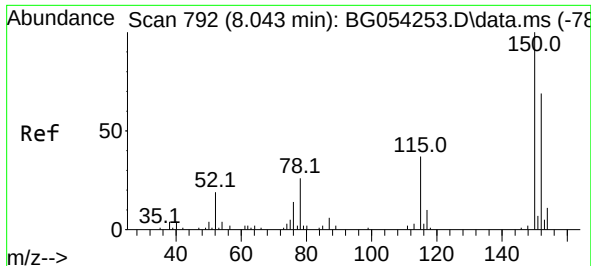
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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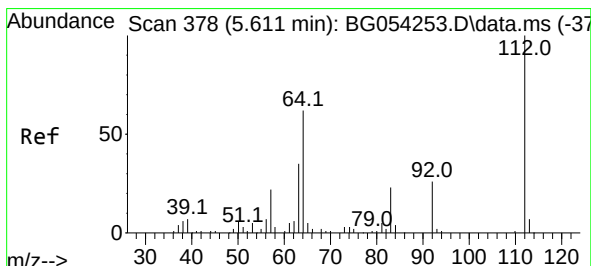
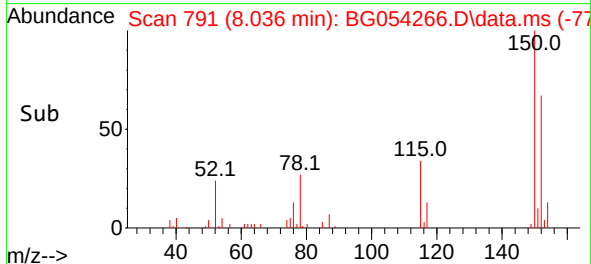
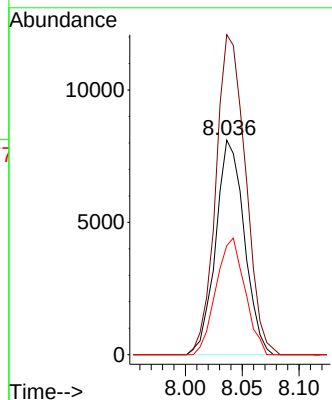
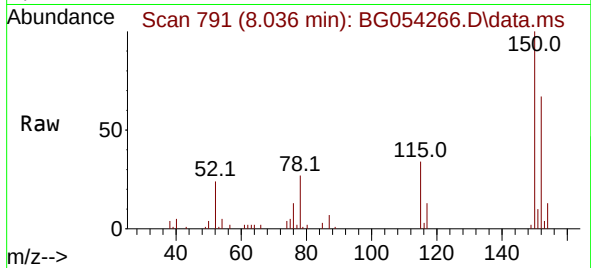




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.036 min Scan# 791
Delta R.T. -0.007 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

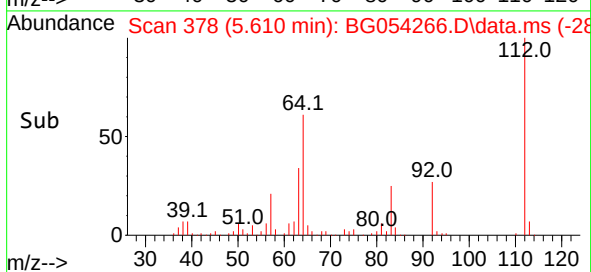
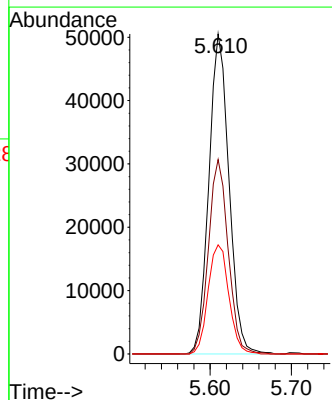
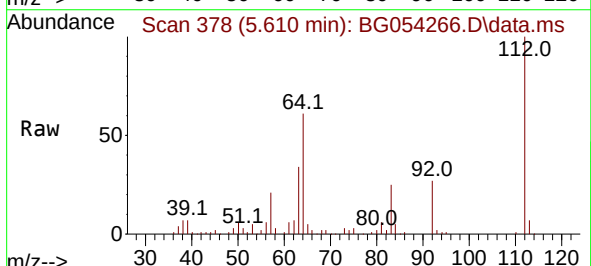
Instrument :
BNA_G
ClientSampleId :
B-2-UC

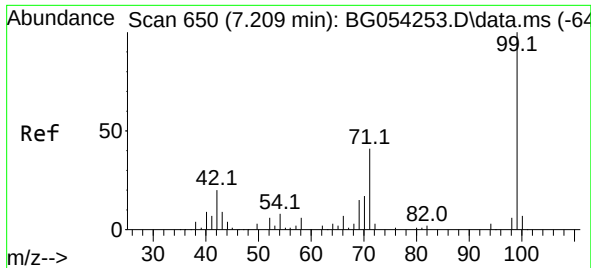
Tgt Ion:152 Resp: 14175
Ion Ratio Lower Upper
152 100
150 149.1 131.6 197.4
115 50.7 50.9 76.3#



#5
2-Fluorophenol
Concen: 122.758 ng
RT: 5.610 min Scan# 378
Delta R.T. -0.001 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

Tgt Ion:112 Resp: 86611
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 34.1 30.4 45.6

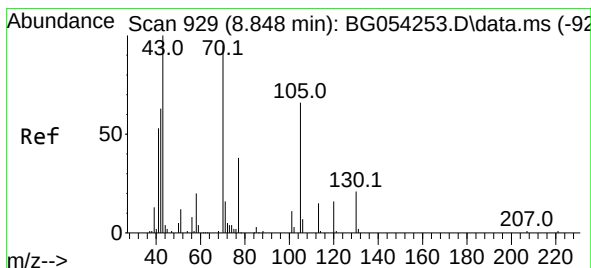
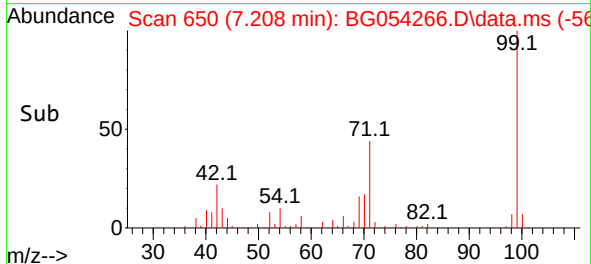
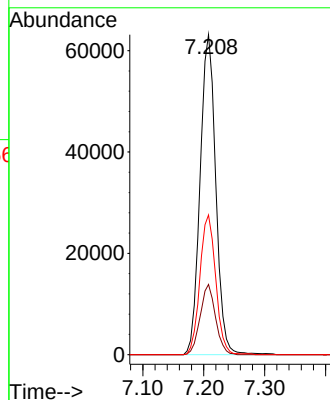
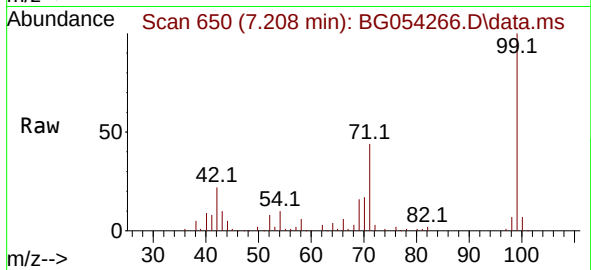




#7
Phenol-d6
Concen: 116.240 ng
RT: 7.208 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

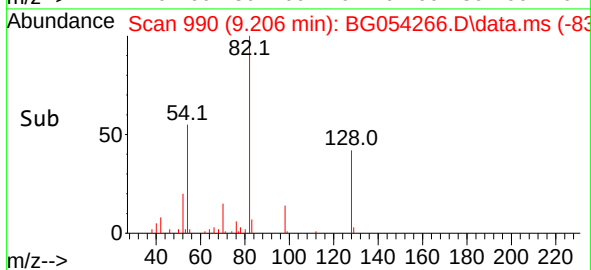
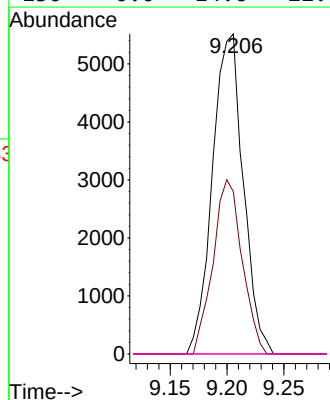
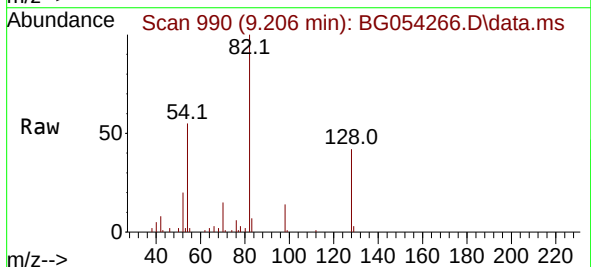
Instrument :
BNA_G
ClientSampleId :
B-2-UC

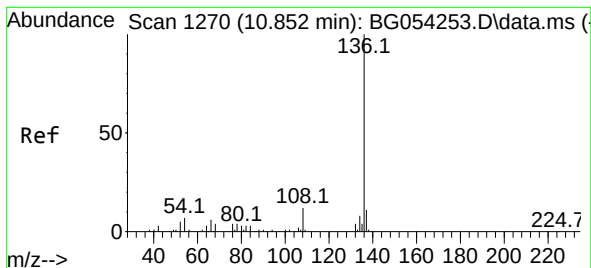
Tgt Ion: 99 Resp: 113115
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.665 ng
RT: 9.206 min Scan# 990
Delta R.T. 0.357 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

Tgt Ion: 70 Resp: 10407
Ion Ratio Lower Upper
70 100
42 50.8 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: 10.851 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG054266.D

Acq: 12 Jul 2022 21:54

Instrument :

BNA_G

ClientSampleId :

B-2-UC

Tgt Ion:136 Resp: 54768

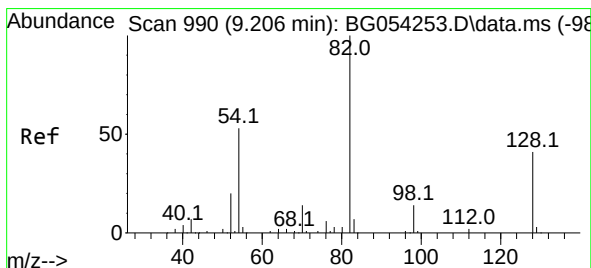
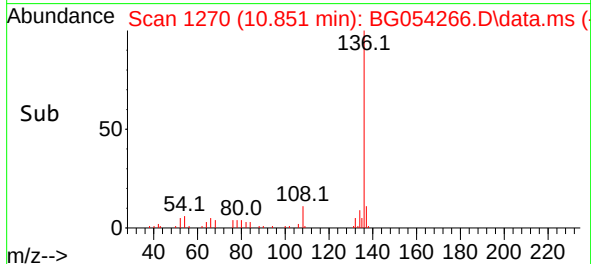
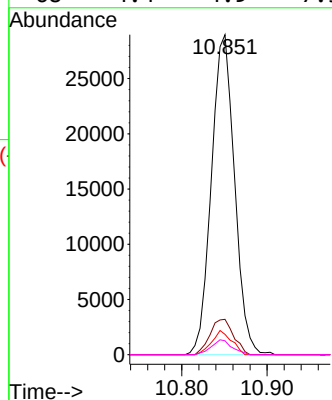
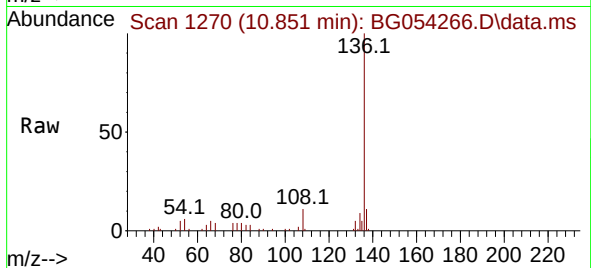
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.3 7.4 11.2#

68 4.4 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 73.956 ng

RT: 9.200 min Scan# 989

Delta R.T. -0.007 min

Lab File: BG054266.D

Acq: 12 Jul 2022 21:54

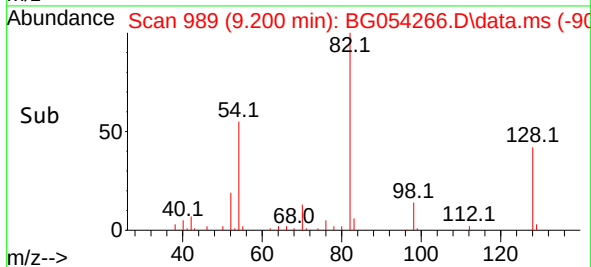
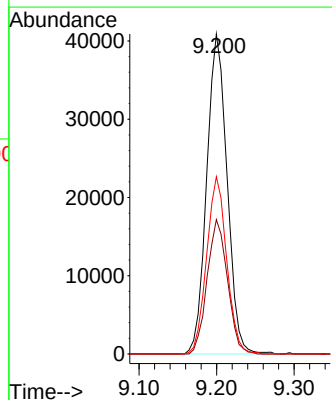
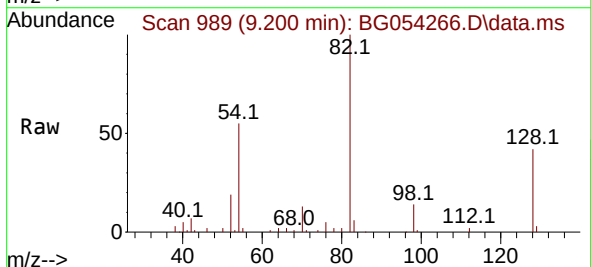
Tgt Ion: 82 Resp: 74639

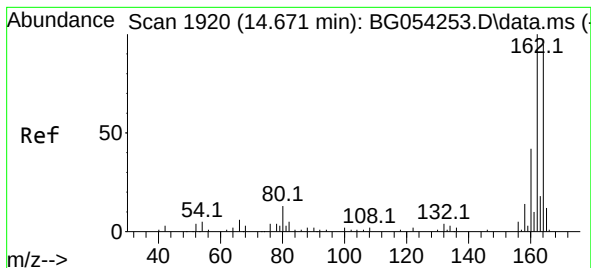
Ion Ratio Lower Upper

82 100

128 42.0 27.9 41.9#

54 55.4 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.670 min Scan# 1920

Delta R.T. -0.001 min

Lab File: BG054266.D

Acq: 12 Jul 2022 21:54

Instrument :

BNA_G

ClientSampleId :

B-2-UC

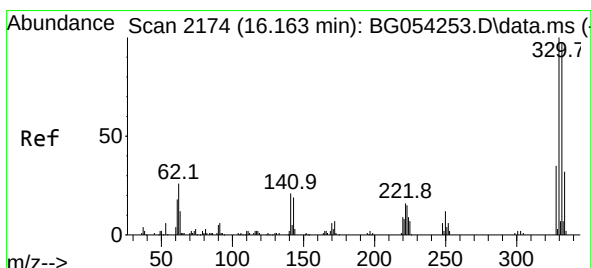
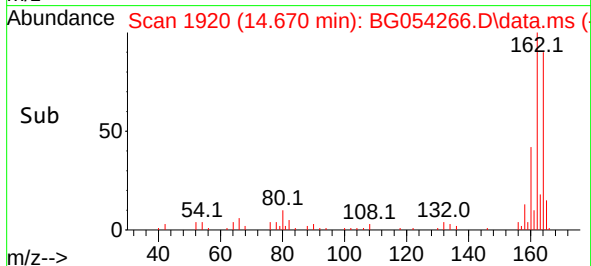
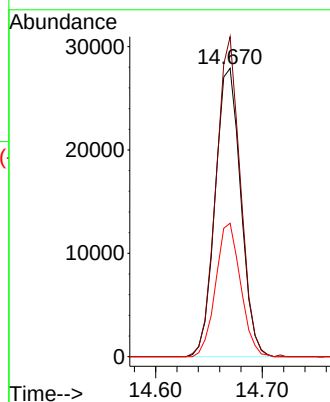
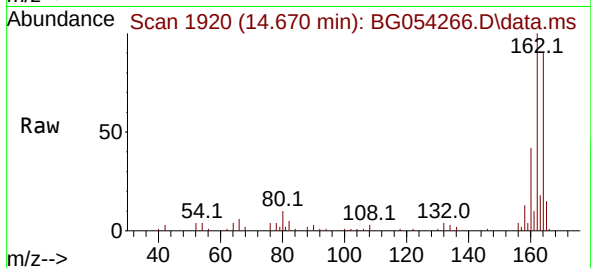
Tgt Ion:164 Resp: 46454

Ion Ratio Lower Upper

164 100

162 111.0 82.3 123.5

160 46.3 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 142.660 ng

RT: 16.156 min Scan# 2173

Delta R.T. -0.007 min

Lab File: BG054266.D

Acq: 12 Jul 2022 21:54

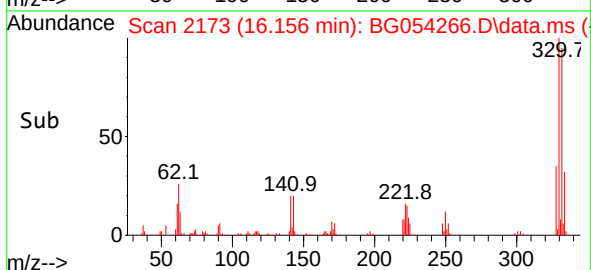
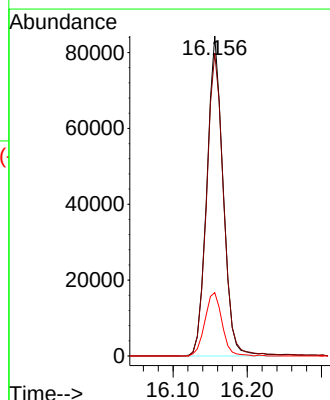
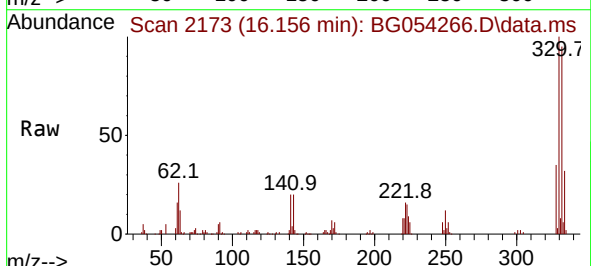
Tgt Ion:330 Resp: 128374

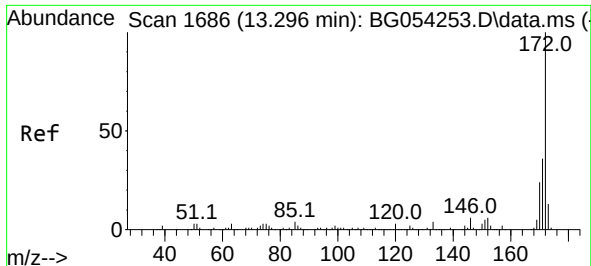
Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 20.8 27.1 40.7#

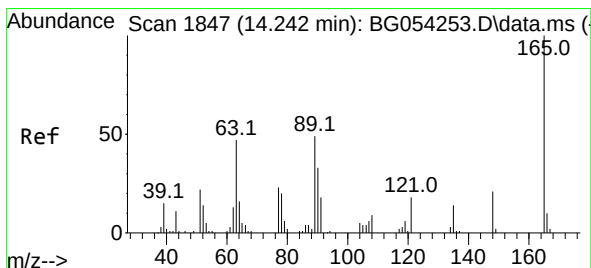
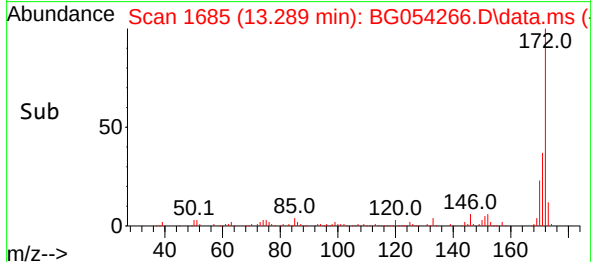
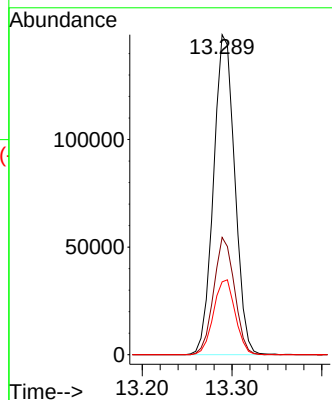
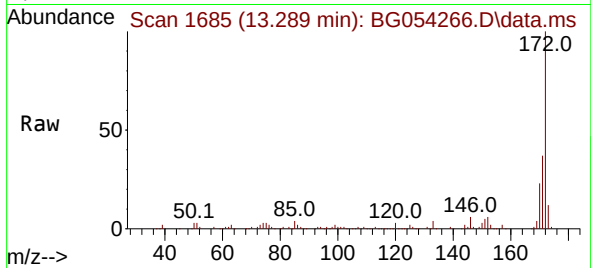




#45
2-Fluorobiphenyl
Concen: 77.338 ng
RT: 13.289 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

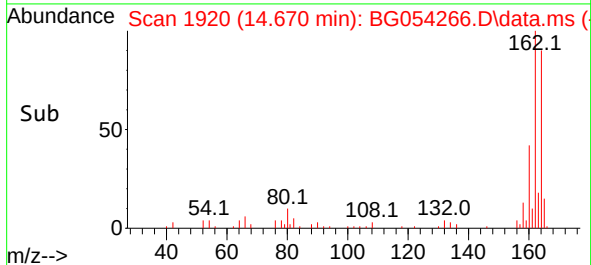
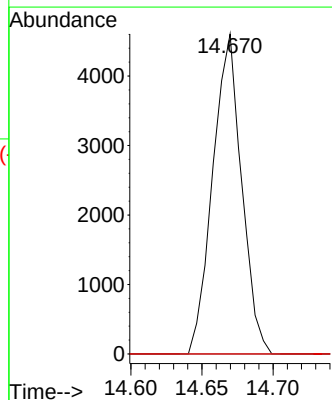
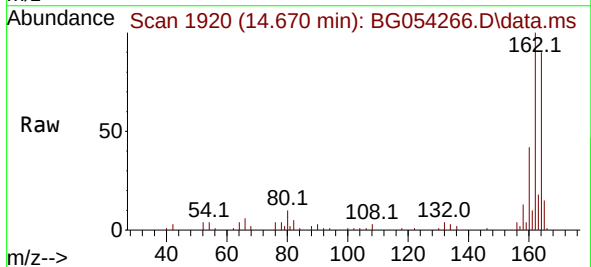
Instrument :
BNA_G
ClientSampleId :
B-2-UC

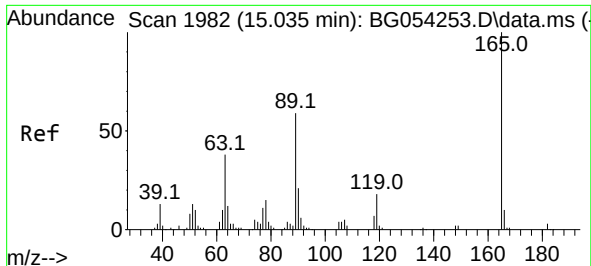
Tgt Ion:172 Resp: 244507
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 22.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.202 ng
RT: 14.670 min Scan# 1920
Delta R.T. 0.428 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

Tgt Ion:165 Resp: 6502
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: 5.664 ng

RT: 14.670 min Scan# 1982

Delta R.T. -0.365 min

Lab File: BG054266.D

Acq: 12 Jul 2022 21:54

Instrument :

BNA_G

ClientSampleId :

B-2-UC

Tgt Ion:165 Resp: 6502

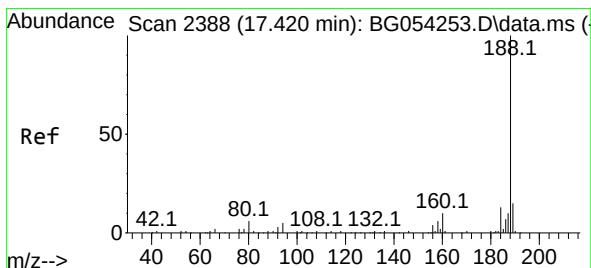
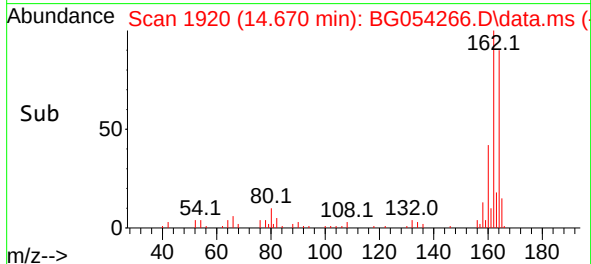
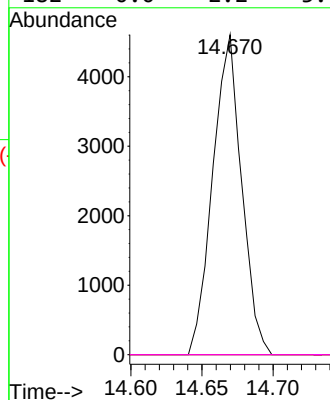
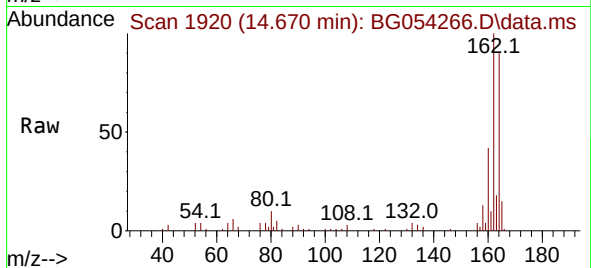
Ion Ratio Lower Upper

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: 17.414 min Scan# 2387

Delta R.T. -0.006 min

Lab File: BG054266.D

Acq: 12 Jul 2022 21:54

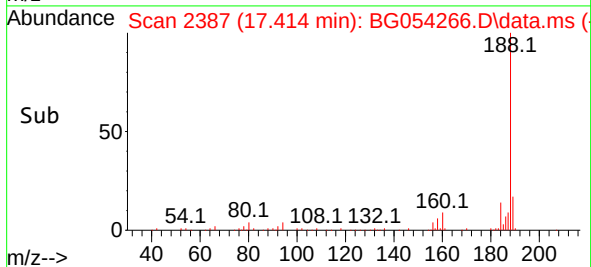
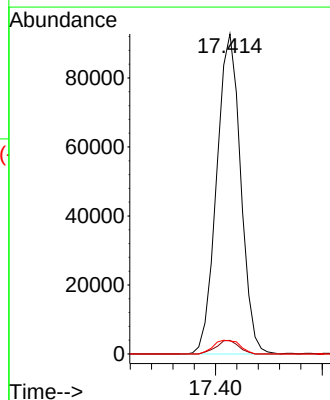
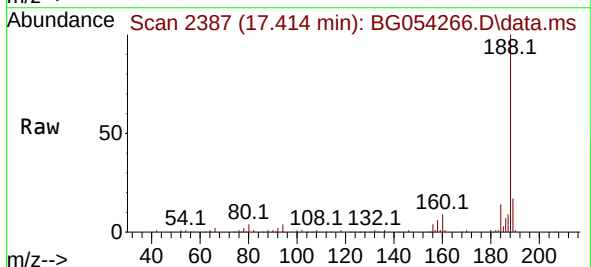
Tgt Ion:188 Resp: 144979

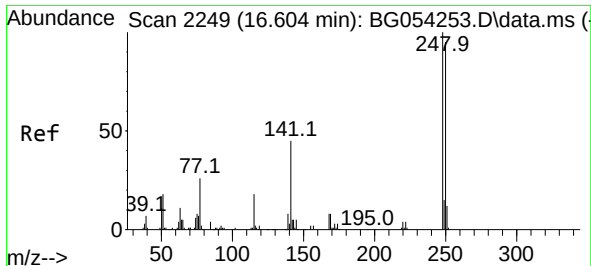
Ion Ratio Lower Upper

188 100

94 4.2 5.4 8.0#

80 4.1 6.8 10.2#

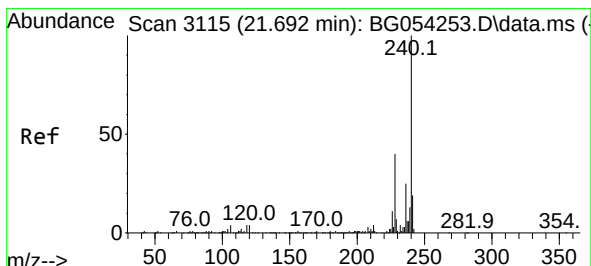
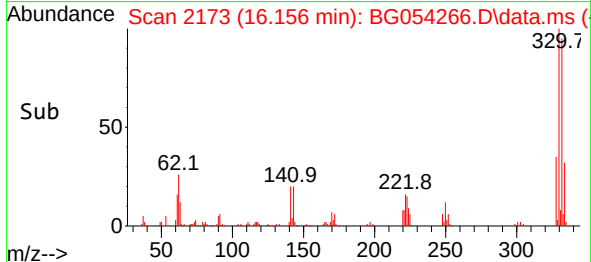
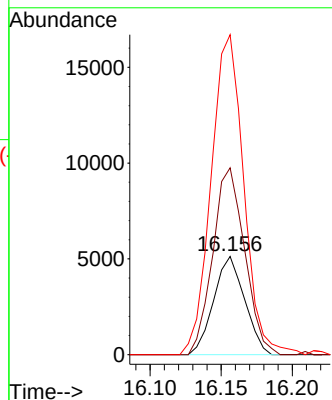
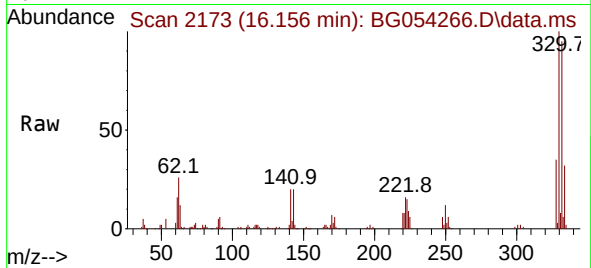




#67
4-Bromophenyl-phenylether
Concen: 4.018 ng
RT: 16.156 min Scan# 2173
Delta R.T. -0.447 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

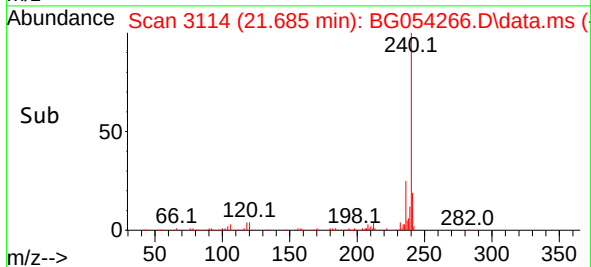
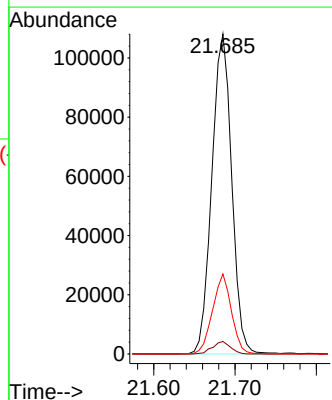
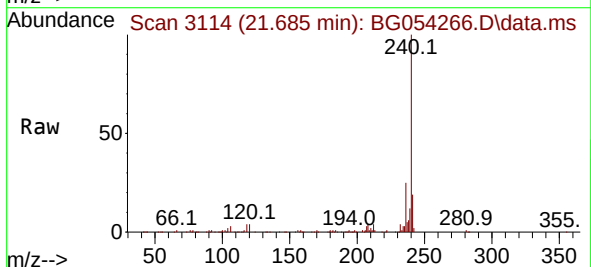
Instrument :
BNA_G
ClientSampleId :
B-2-UC

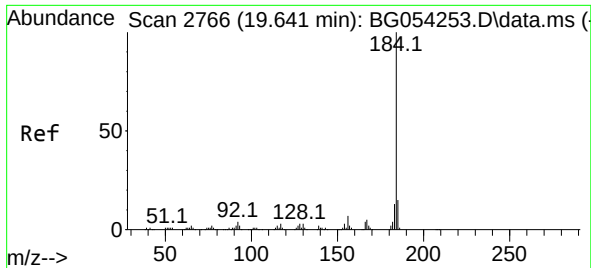
Tgt Ion:248 Resp: 7770
Ion Ratio Lower Upper
248 100
250 190.1 75.2 112.8#
141 325.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.685 min Scan# 3114
Delta R.T. -0.007 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

Tgt Ion:240 Resp: 183430
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0#
236 25.0 20.2 30.4

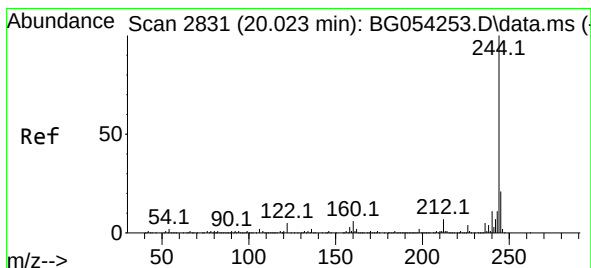
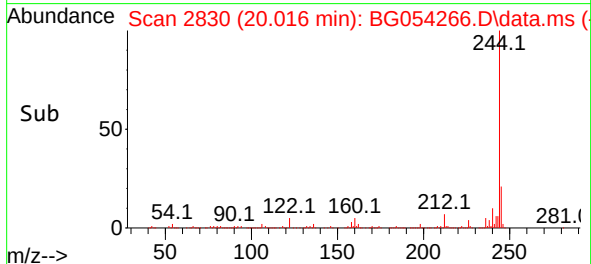
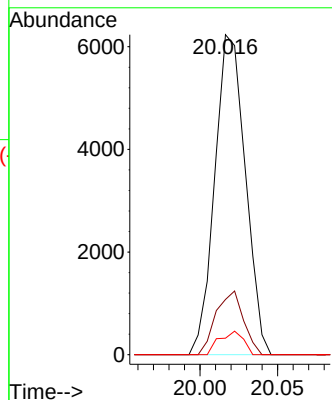
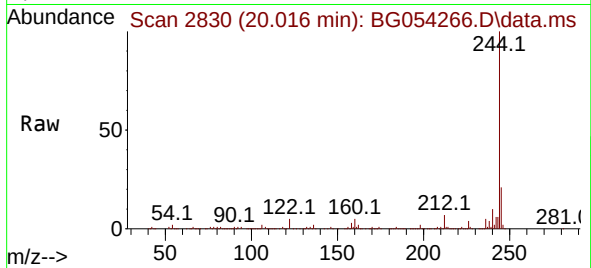




#77
Benzidine
Concen: 2.658 ng
RT: 20.016 min Scan# 2830
Delta R.T. 0.375 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

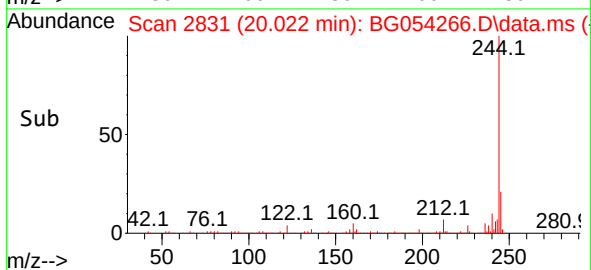
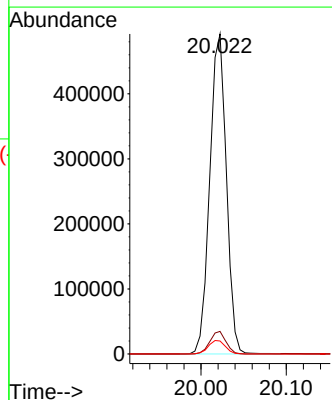
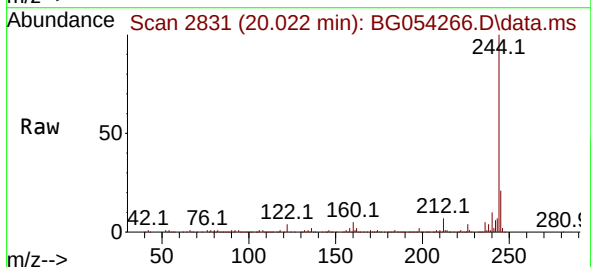
Instrument :
BNA_G
ClientSampleId :
B-2-UC

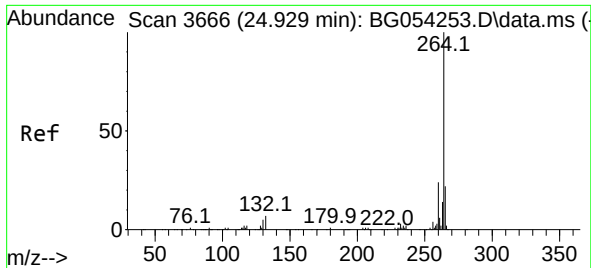
Tgt Ion:184 Resp: 8559
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 5.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 74.525 ng
RT: 20.022 min Scan# 2831
Delta R.T. -0.001 min
Lab File: BG054266.D
Acq: 12 Jul 2022 21:54

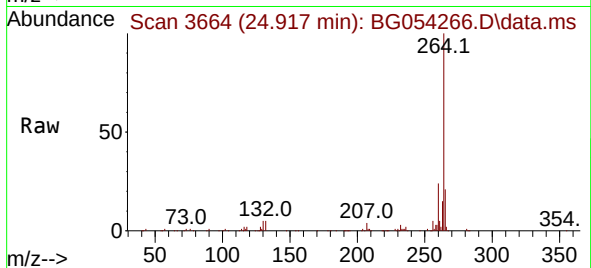
Tgt Ion:244 Resp: 664769
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.0 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.917 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG054266.D
 Acq: 12 Jul 2022 21:54

Instrument :
 BNA_G
 ClientSampleId :
 B-2-UC



Tgt Ion:264 Resp: 187518
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.1 17.4 26.2

