

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054325.D
 Acq On : 20 Jul 2022 13:02
 Operator : CG/JU
 Sample : PB146238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146238BL

Quant Time: Jul 21 01:24:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

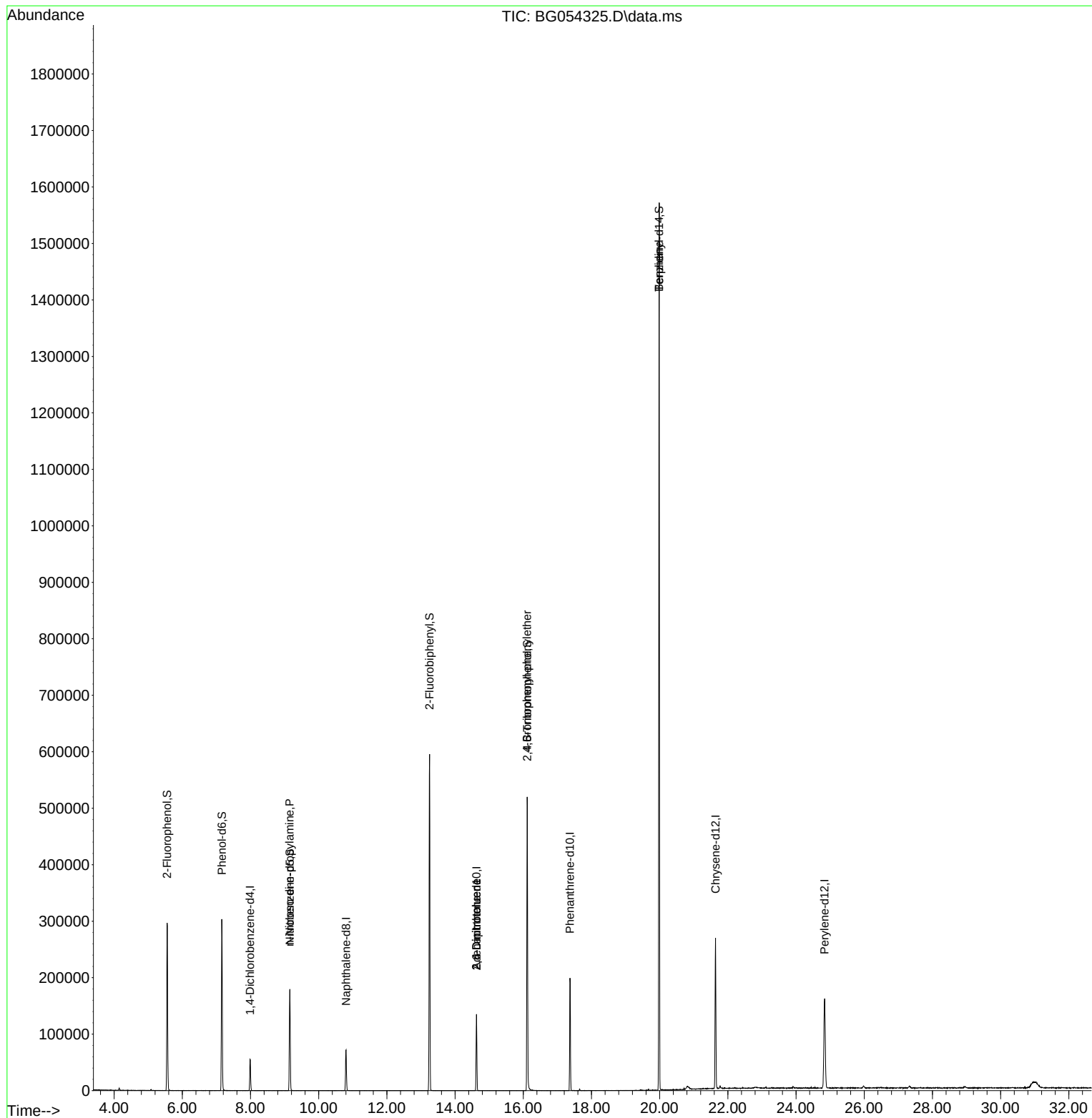
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	18179	20.000	ng	-0.01
21) Naphthalene-d8	10.802	136	67880	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	53980	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	148760	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	194420	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	204192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	131736	151.301	ng	-0.01
7) Phenol-d6	7.159	99	167534	140.424	ng	-0.01
23) Nitrobenzene-d5	9.157	82	112301	90.094	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	146931	129.640	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	347561	90.830	ng	0.00
79) Terphenyl-d14	19.985	244	898056	91.635	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.159	77	280	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.151	70	16342	20.512	ng	# 81
51) 2,6-Dinitrotoluene	14.627	165	7241	7.830	ng	# 16
57) 2,4-Dinitrotoluene	14.627	165	7241	5.462	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	8730	4.179	ng	# 1
77) Benzidine	19.985	184	11710	3.326	ng	# 91

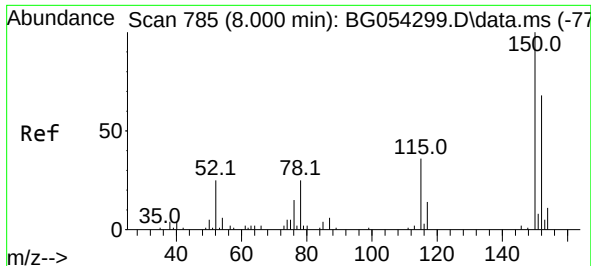
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
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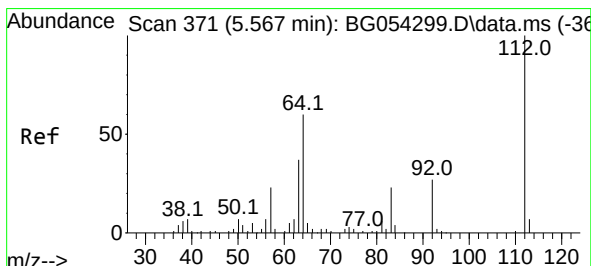
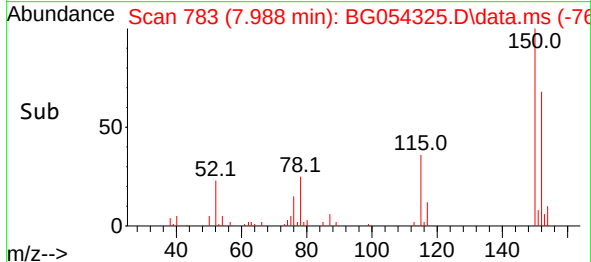
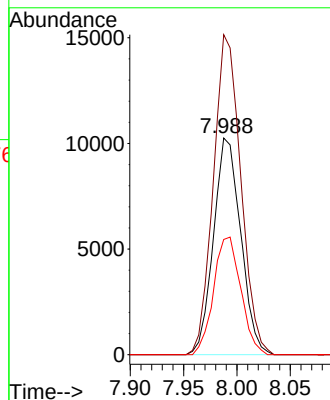
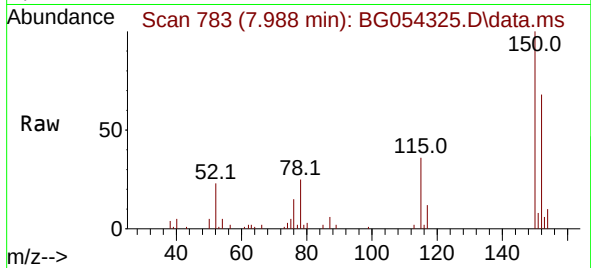




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

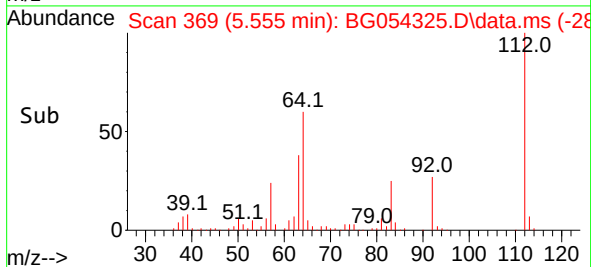
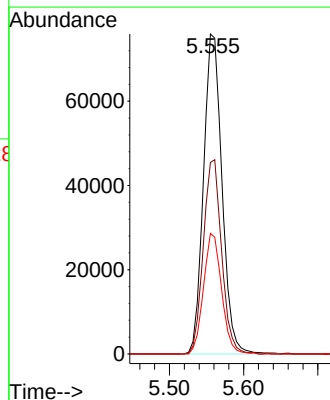
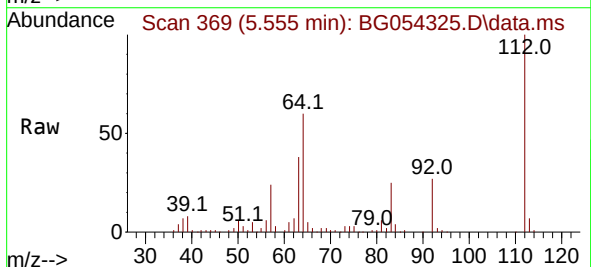
Instrument :
BNA_G
ClientSampleId :
PB146238BL

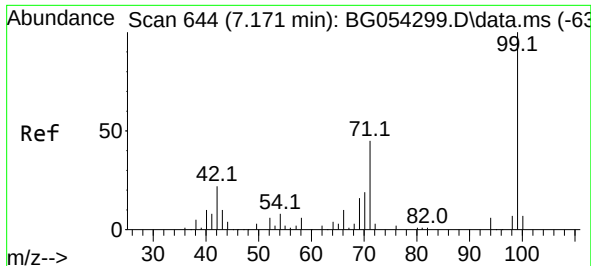
Tgt Ion:152 Resp: 18179
Ion Ratio Lower Upper
152 100
150 147.7 131.6 197.4
115 53.2 50.9 76.3



#5
2-Fluorophenol
Concen: 151.301 ng
RT: 5.555 min Scan# 369
Delta R.T. -0.012 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion:112 Resp: 131736
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 37.7 30.4 45.6

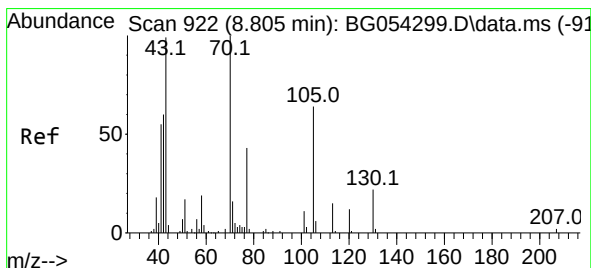
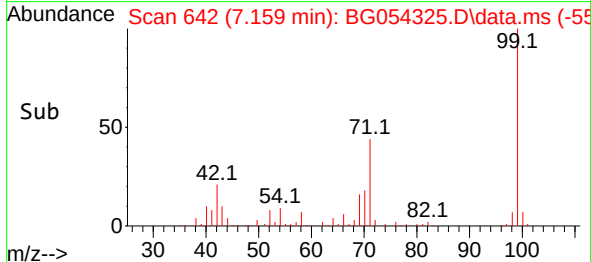
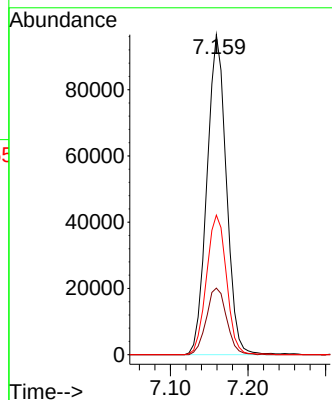
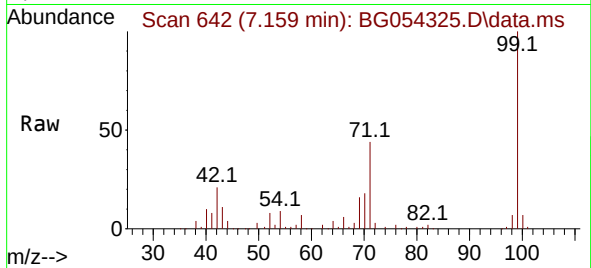




#7
Phenol-d6
Concen: 140.424 ng
RT: 7.159 min Scan# 64
Delta R.T. -0.012 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

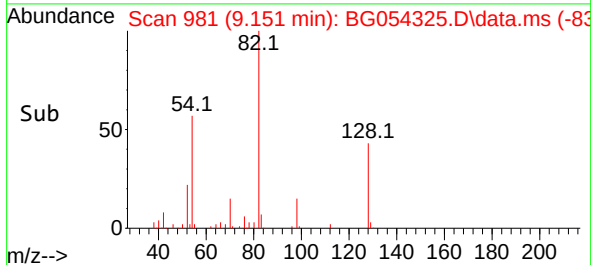
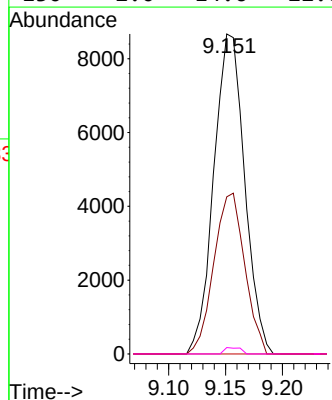
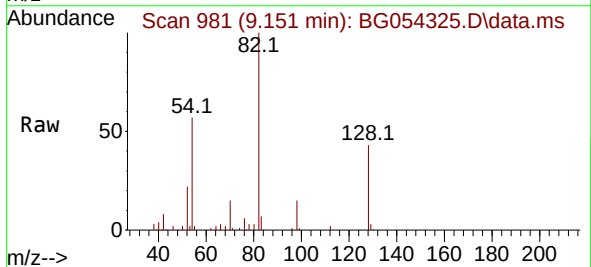
Instrument :
BNA_G
ClientSampleId :
PB146238BL

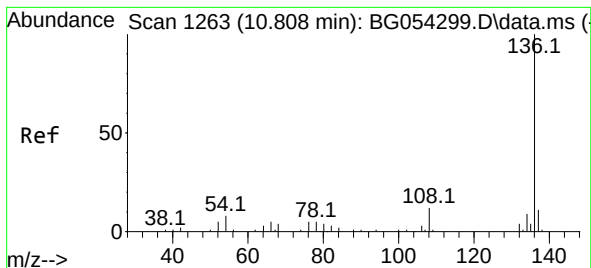
Tgt Ion: 99 Resp: 167534
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 43.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.512 ng
RT: 9.151 min Scan# 981
Delta R.T. 0.346 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion: 70 Resp: 16342
Ion Ratio Lower Upper
70 100
42 49.1 47.3 70.9
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.802 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG054325.D

Acq: 20 Jul 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB146238BL

Tgt Ion:136 Resp: 67880

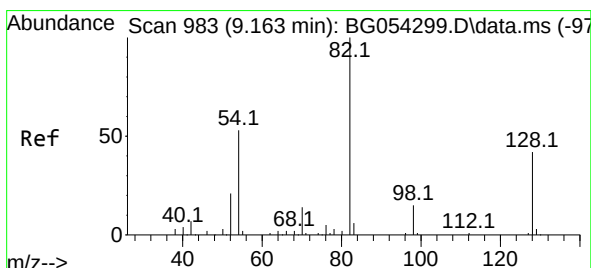
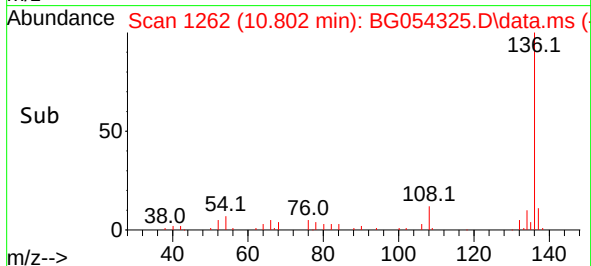
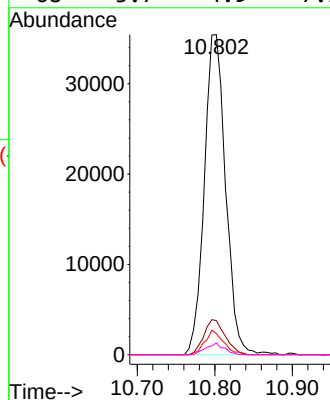
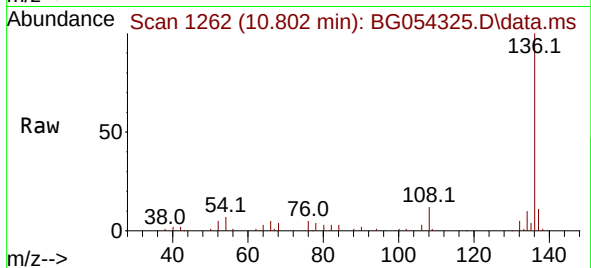
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 7.4 11.2#

68 3.7 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 90.094 ng

RT: 9.157 min Scan# 982

Delta R.T. -0.006 min

Lab File: BG054325.D

Acq: 20 Jul 2022 13:02

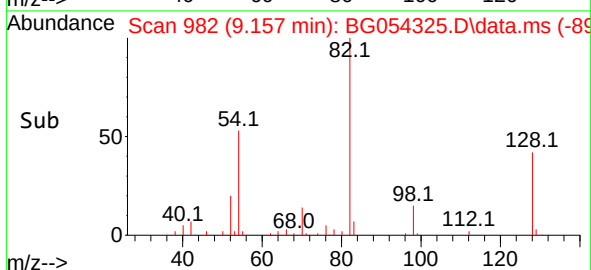
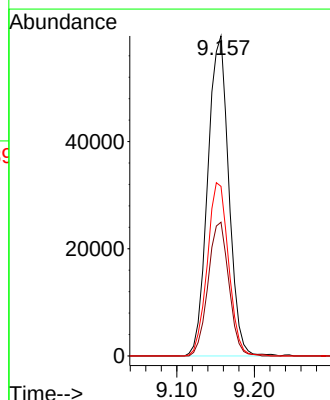
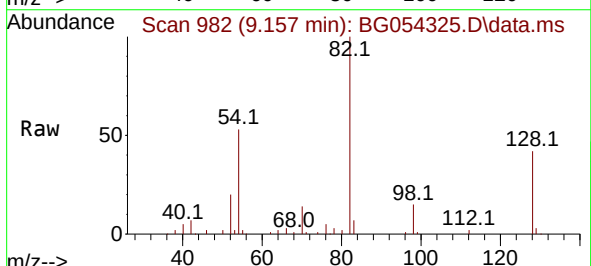
Tgt Ion: 82 Resp: 112301

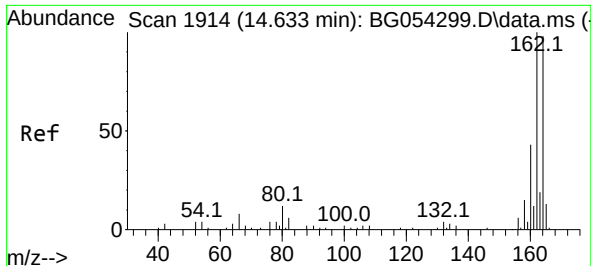
Ion Ratio Lower Upper

82 100

128 41.8 27.9 41.9

54 53.0 41.2 61.8

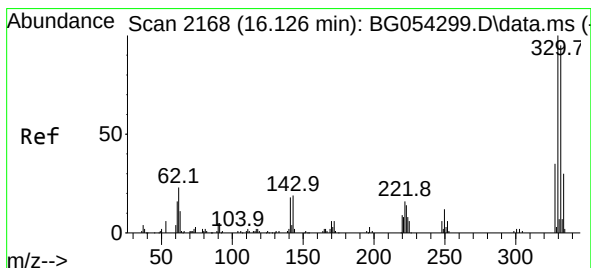
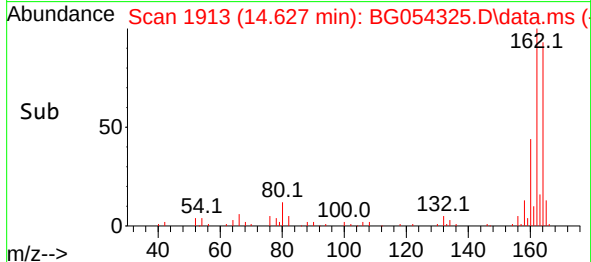
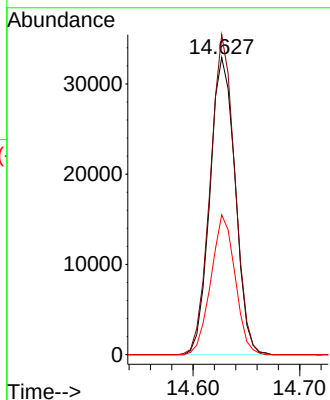
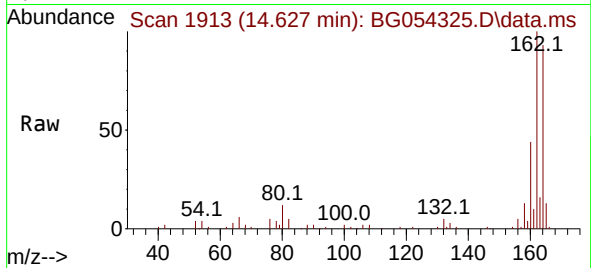




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

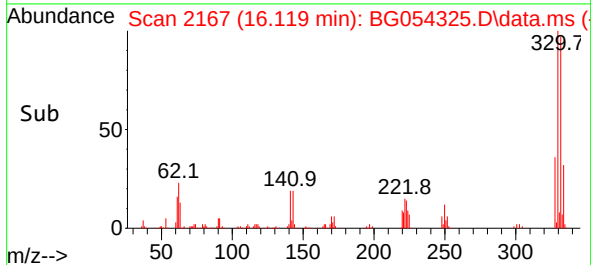
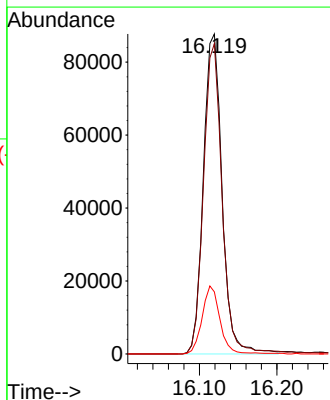
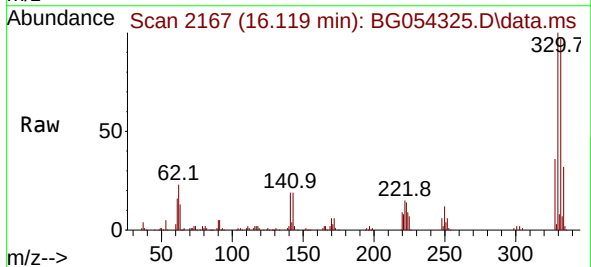
Instrument :
BNA_G
ClientSampleId :
PB146238BL

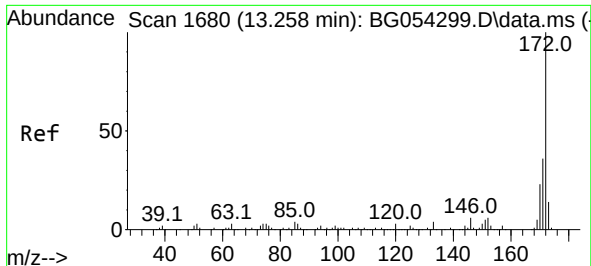
Tgt Ion:164 Resp: 53980
Ion Ratio Lower Upper
164 100
162 107.6 82.3 123.5
160 47.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 129.640 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion:330 Resp: 146931
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.3 27.1 40.7#

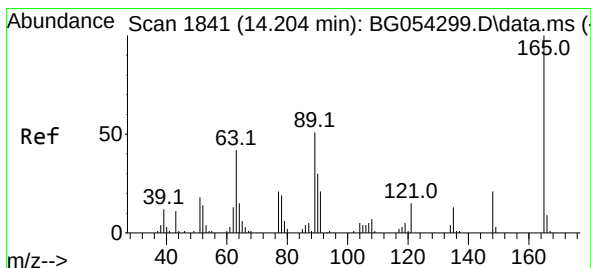
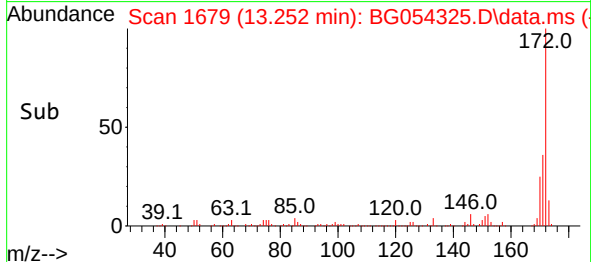
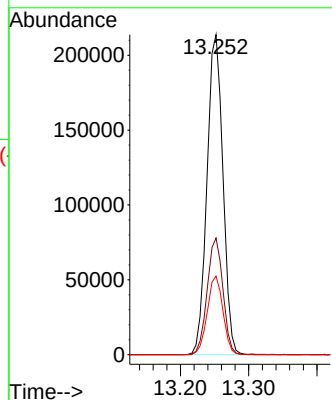
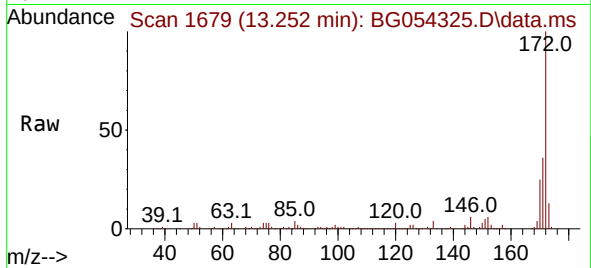




#45
2-Fluorobiphenyl
Concen: 90.830 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

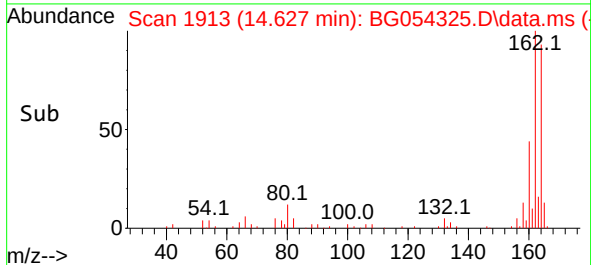
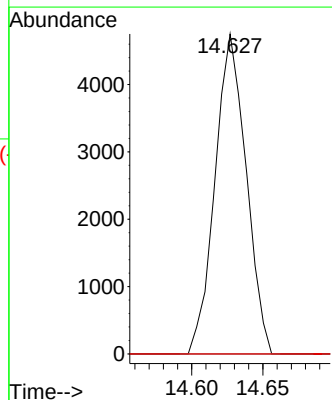
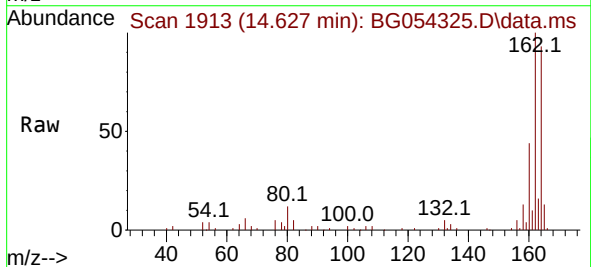
Instrument :
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ClientSampleId :
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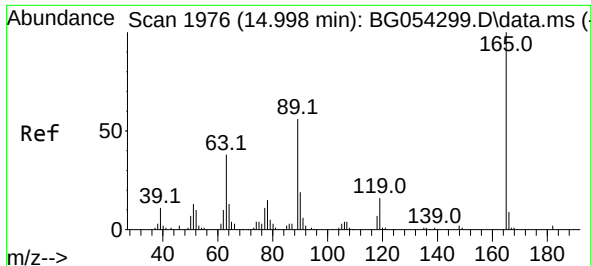
Tgt Ion:172 Resp: 347561
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.830 ng
RT: 14.627 min Scan# 1913
Delta R.T. 0.423 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion:165 Resp: 7241
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: 5.462 ng

RT: 14.627 min Scan# 1976

Delta R.T. -0.371 min

Lab File: BG054325.D

Acq: 20 Jul 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB146238BL

Tgt Ion:165 Resp: 7241

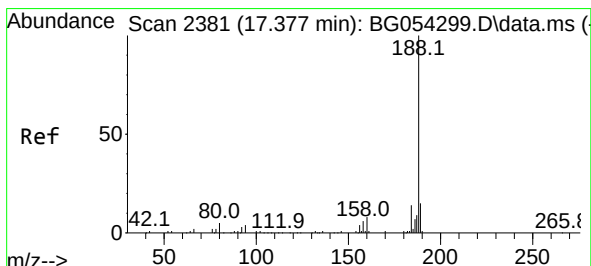
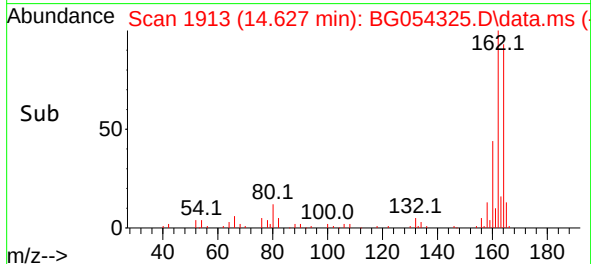
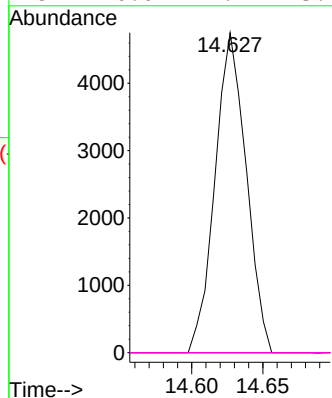
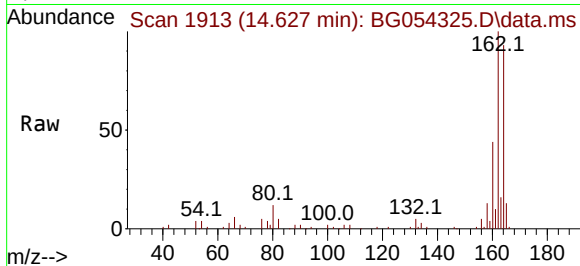
Ion Ratio Lower Upper

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: 17.371 min Scan# 2380

Delta R.T. -0.006 min

Lab File: BG054325.D

Acq: 20 Jul 2022 13:02

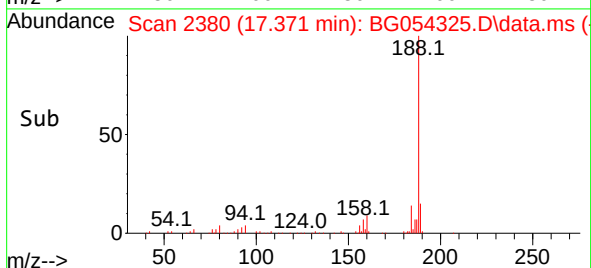
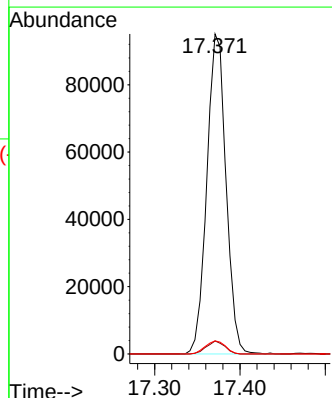
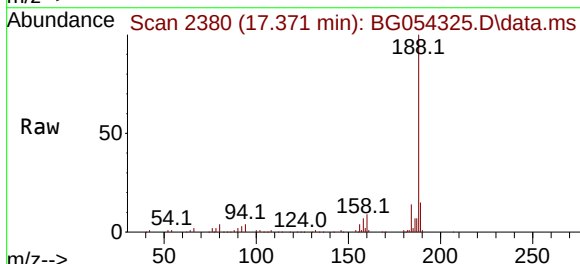
Tgt Ion:188 Resp: 148760

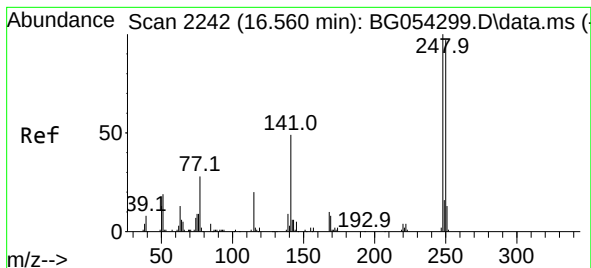
Ion Ratio Lower Upper

188 100

94 4.1 5.4 8.0#

80 4.1 6.8 10.2#

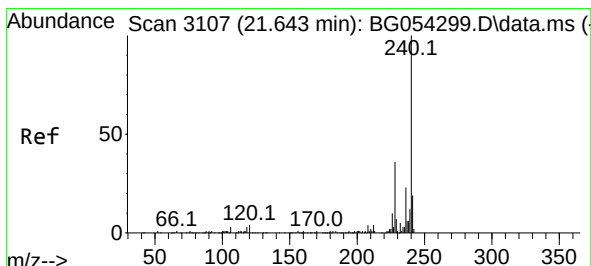
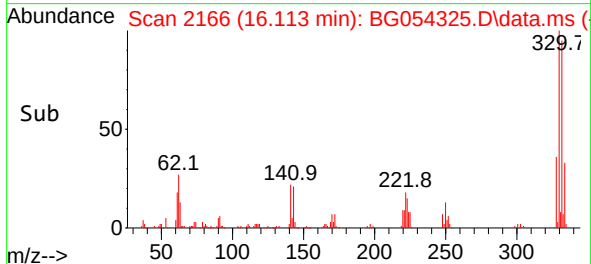
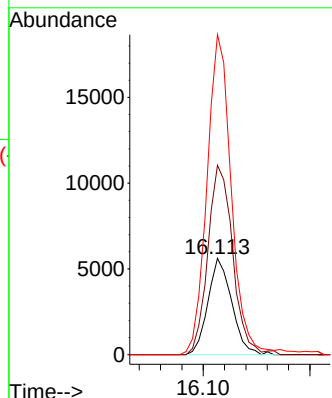
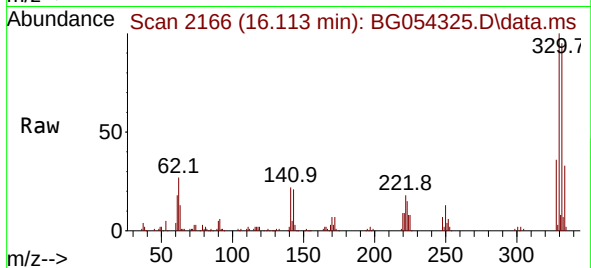




#67
4-Bromophenyl-phenylether
Concen: 4.179 ng
RT: 16.113 min Scan# 2166
Delta R.T. -0.447 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

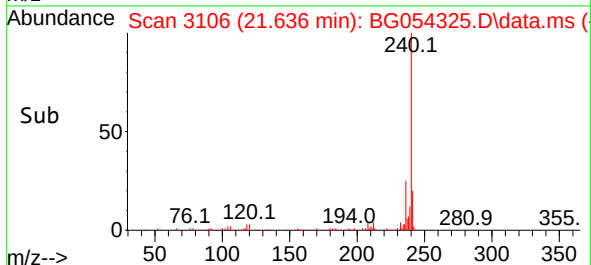
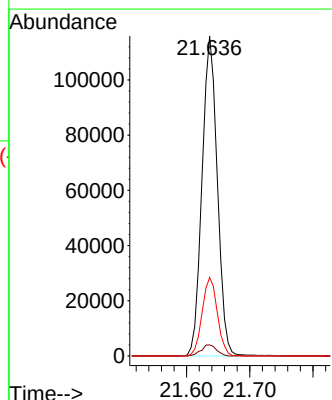
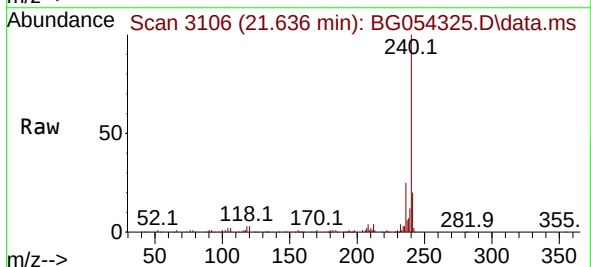
Instrument :
BNA_G
ClientSampleId :
PB146238BL

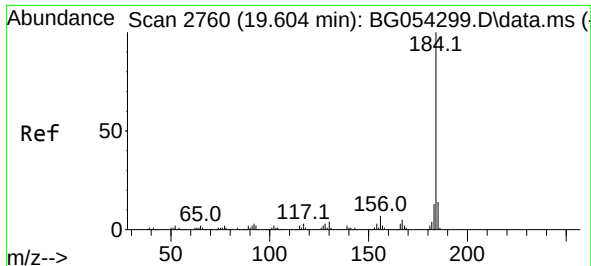
Tgt Ion:248 Resp: 8730
Ion Ratio Lower Upper
248 100
250 196.8 75.2 112.8#
141 332.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion:240 Resp: 194420
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.5 20.2 30.4

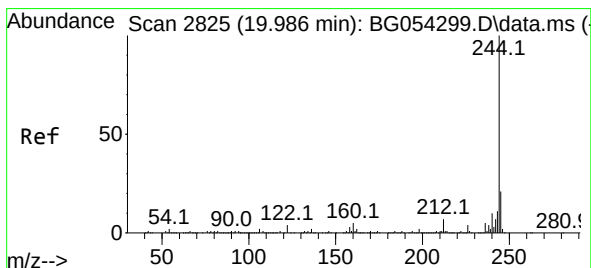
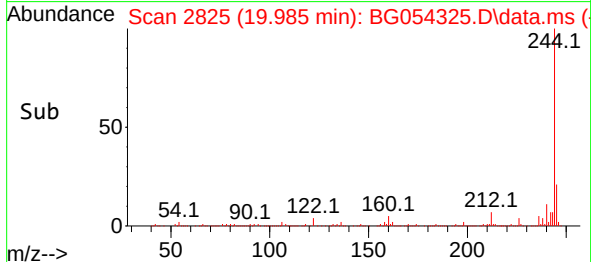
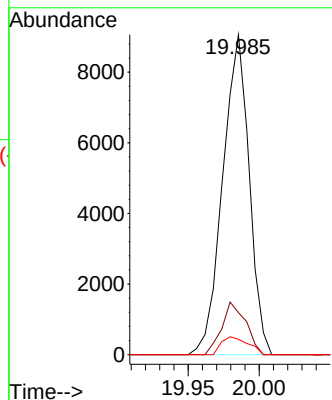
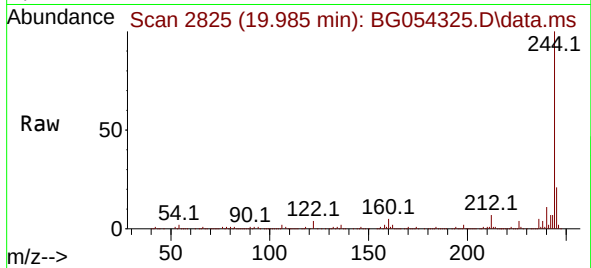




#77
Benzidine
Concen: 3.326 ng
RT: 19.985 min Scan# 2825
Delta R.T. 0.381 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

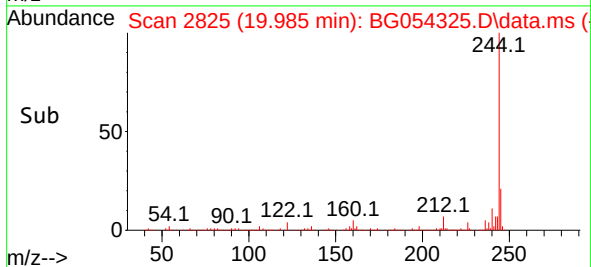
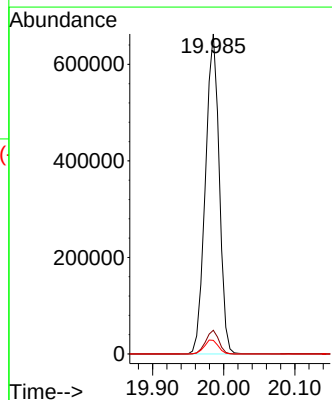
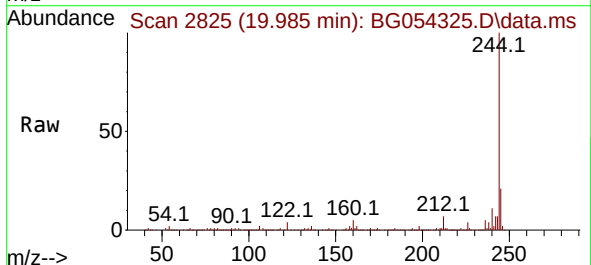
Instrument :
BNA_G
ClientSampleId :
PB146238BL

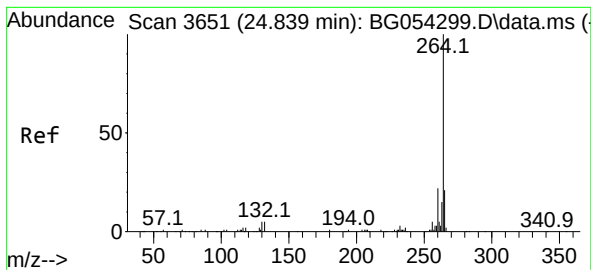
Tgt Ion:184 Resp: 11710
Ion Ratio Lower Upper
184 100
185 13.2 11.8 17.6
183 4.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 91.635 ng
RT: 19.985 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BG054325.D
Acq: 20 Jul 2022 13:02

Tgt Ion:244 Resp: 898056
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 4.2 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.838 min Scan# 30

Delta R.T. -0.000 min

Lab File: BG054325.D

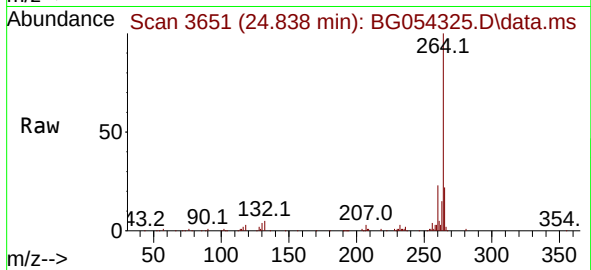
Acq: 20 Jul 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB146238BL



Tgt Ion:264 Resp: 204192

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.6

265 21.8 17.4 26.2

