

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052603.D
 Acq On : 8 Mar 2022 13:20
 Operator : CG/JU
 Sample : PB143083BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143083BL

Quant Time: Mar 09 04:17:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

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

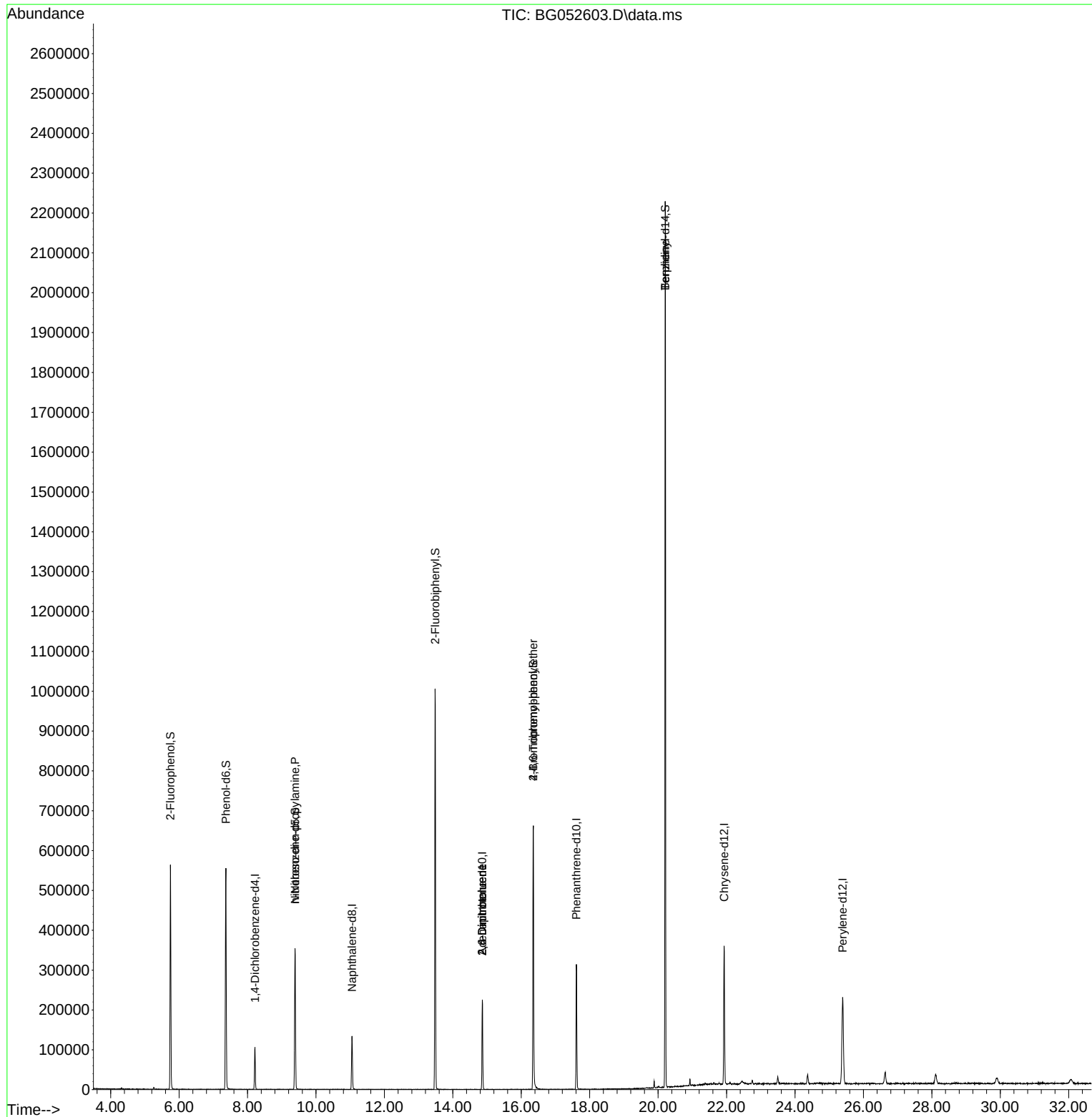
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	30645	20.000	ng	0.00
21) Naphthalene-d8	11.054	136	124560	20.000	ng	# 0.00
39) Acenaphthene-d10	14.861	164	84524	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	211229	20.000	ng	0.00
76) Chrysene-d12	21.928	240	240822	20.000	ng	# 0.00
86) Perylene-d12	25.394	264	237981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	250685	139.368	ng	0.00
7) Phenol-d6	7.365	99	332457	131.537	ng	0.00
23) Nitrobenzene-d5	9.386	82	231826	84.848	ng	-0.01
42) 2,4,6-Tribromophenol	16.353	330	153918	126.706	ng	0.00
45) 2-Fluorobiphenyl	13.480	172	549035	89.569	ng	0.00
79) Terphenyl-d14	20.212	244	1179024	87.673	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.386	70	32494	18.883	ng	# 69
51) 2,6-Dinitrotoluene	14.861	165	11432	8.091	ng	# 18
57) 2,4-Dinitrotoluene	14.861	165	11432	5.720	ng	# 17
67) 4-Bromophenyl-phenylether	16.353	248	8809	3.451	ng	# 1
77) Benzidine	20.207	184	16393	3.184	ng	# 93

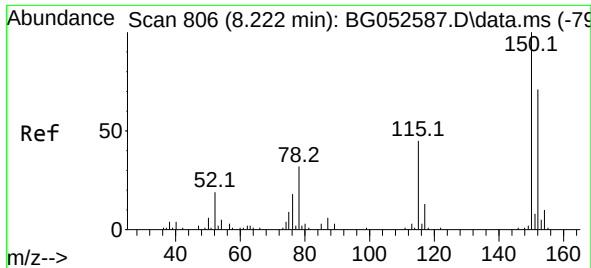
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
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BNA_G
ClientSampleId :
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Quant Time: Mar 09 04:17:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

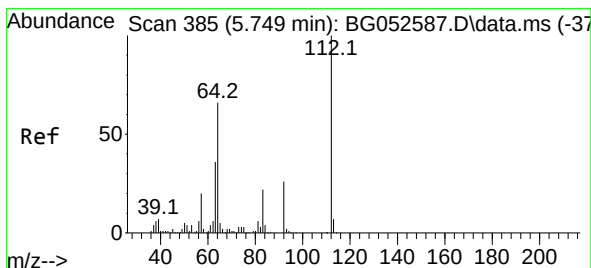
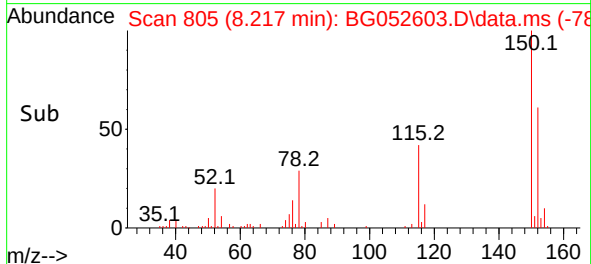
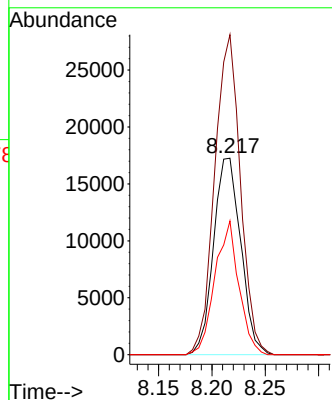
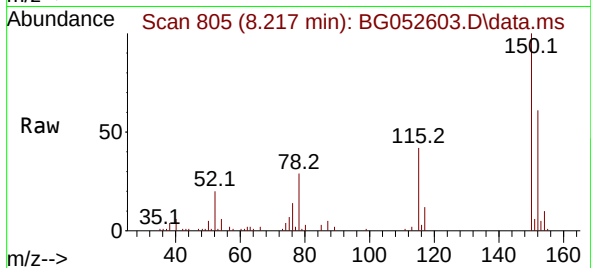




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

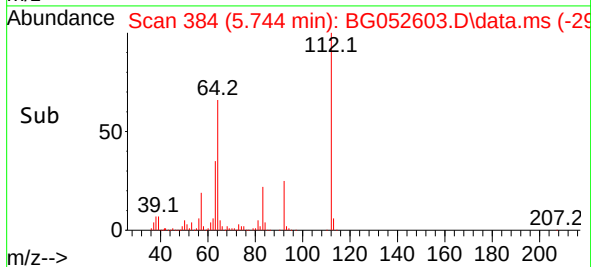
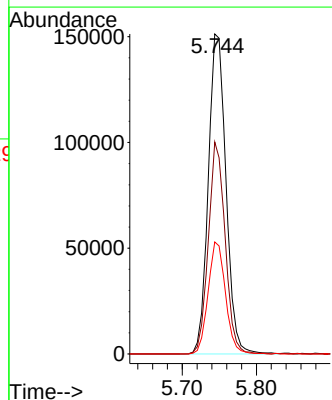
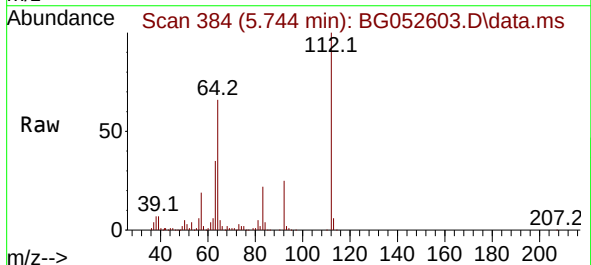
Instrument :
BNA_G
ClientSampleId :
PB143083BL

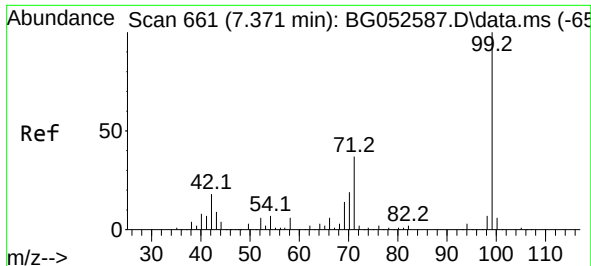
Tgt Ion:152 Resp: 30645
Ion Ratio Lower Upper
152 100
150 162.9 117.8 176.8
115 68.1 50.2 75.2



#5
2-Fluorophenol
Concen: 139.368 ng
RT: 5.744 min Scan# 384
Delta R.T. -0.005 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

Tgt Ion:112 Resp: 250685
Ion Ratio Lower Upper
112 100
64 66.3 60.4 90.6
63 35.0 33.3 49.9

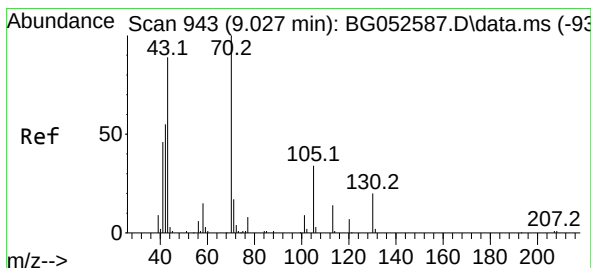
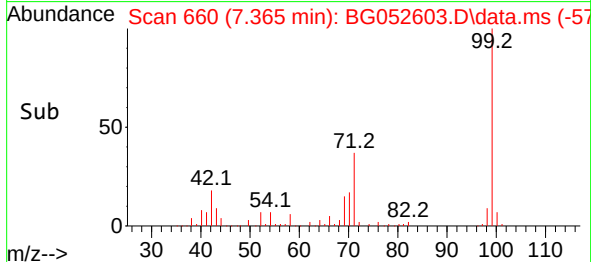
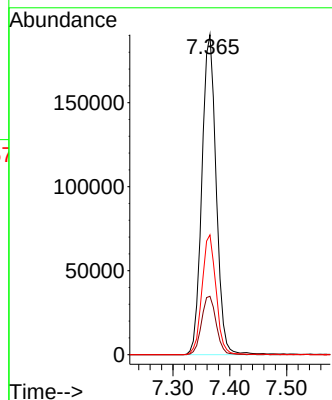
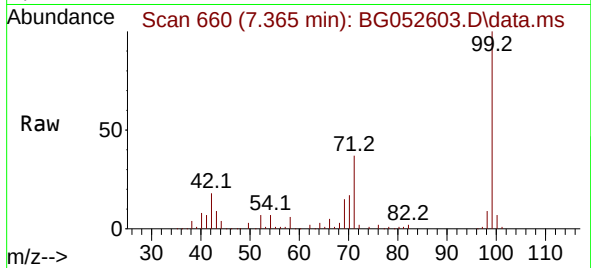




#7
Phenol-d6
Concen: 131.537 ng
RT: 7.365 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

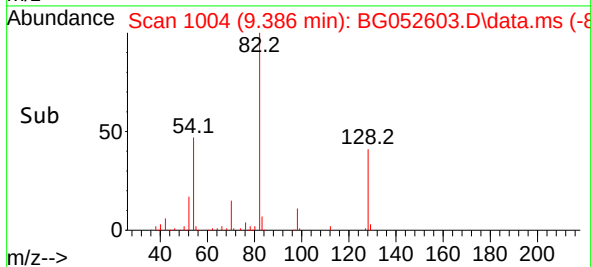
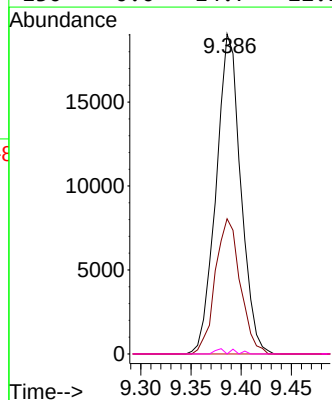
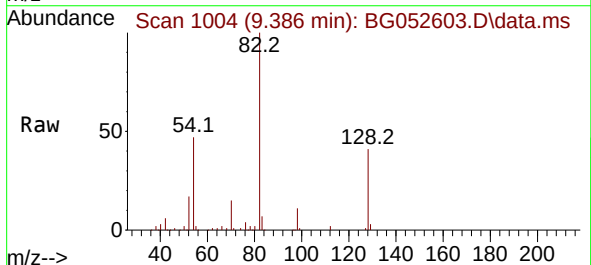
Instrument :
BNA_G
ClientSampleId :
PB143083BL

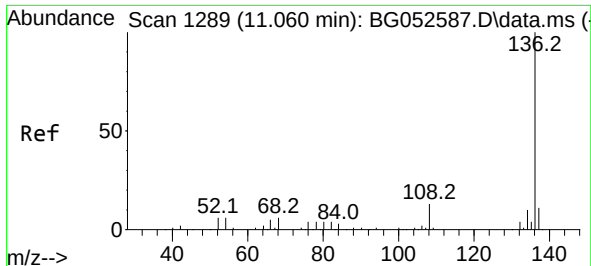
Tgt Ion: 99 Resp: 332457
Ion Ratio Lower Upper
99 100
42 18.3 19.1 28.7#
71 37.5 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.883 ng
RT: 9.386 min Scan# 1004
Delta R.T. 0.359 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

Tgt Ion: 70 Resp: 32494
Ion Ratio Lower Upper
70 100
42 42.2 51.8 77.6#
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#

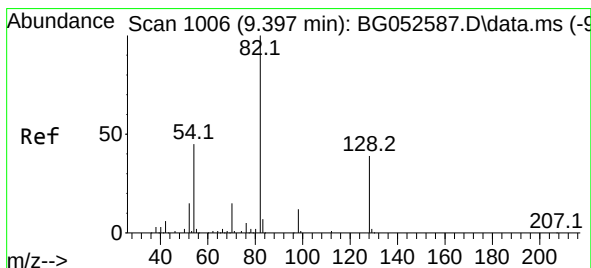
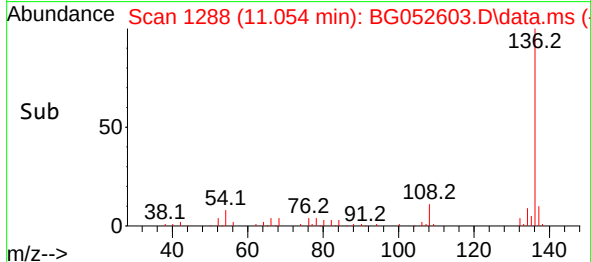
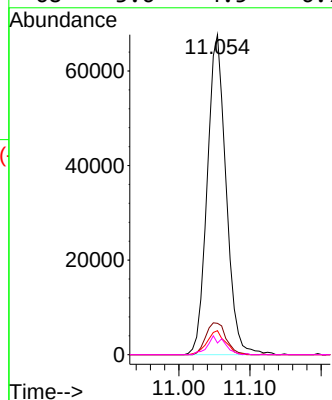
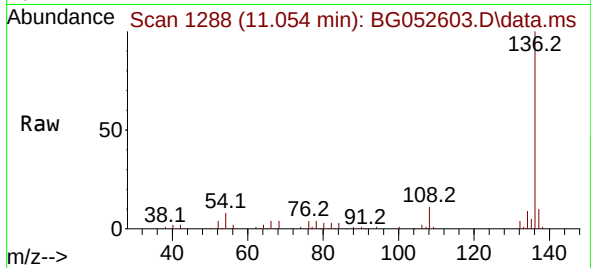




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

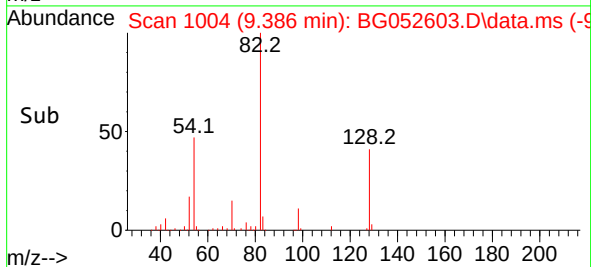
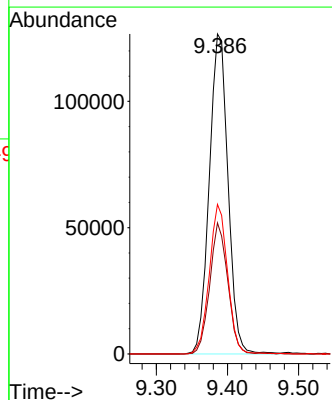
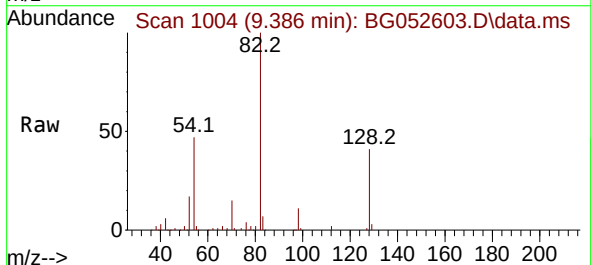
Instrument :
BNA_G
ClientSampleId :
PB143083BL

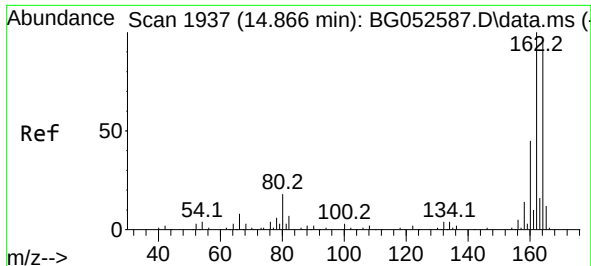
Tgt Ion:136 Resp: 124560
Ion Ratio Lower Upper
136 100
137 9.8 9.1 13.7
54 7.5 8.3 12.5#
68 3.6 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 84.848 ng
RT: 9.386 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

Tgt Ion: 82 Resp: 231826
Ion Ratio Lower Upper
82 100
128 41.0 27.0 40.4#
54 46.8 41.0 61.6

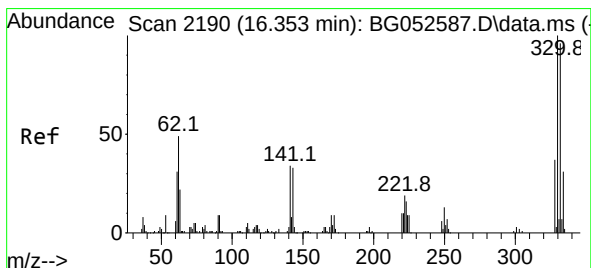
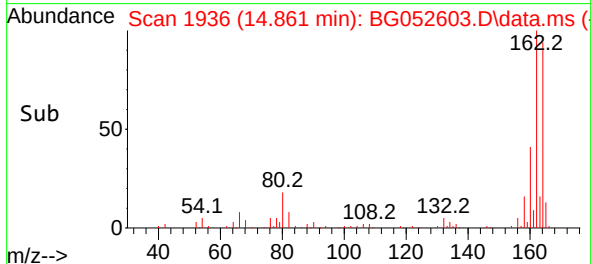
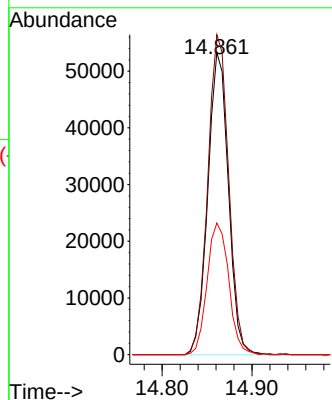
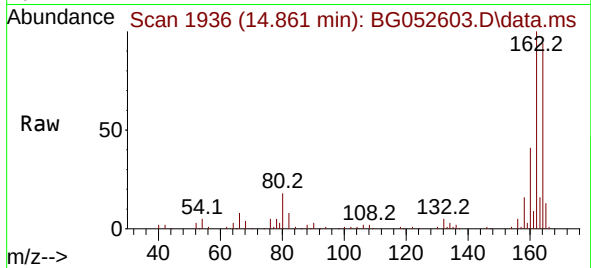




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.861 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

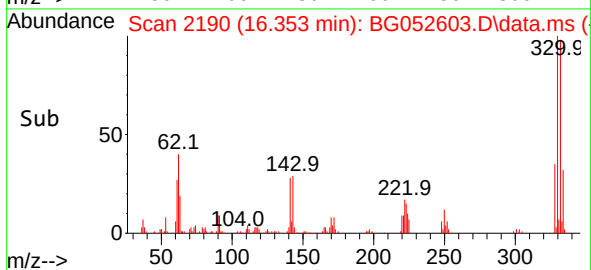
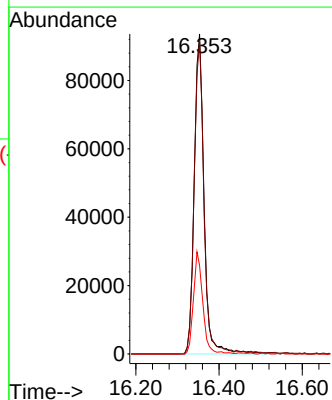
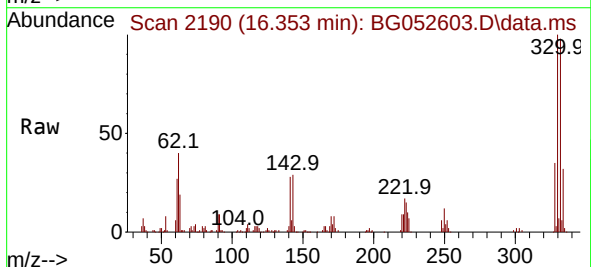
Instrument :
BNA_G
ClientSampleId :
PB143083BL

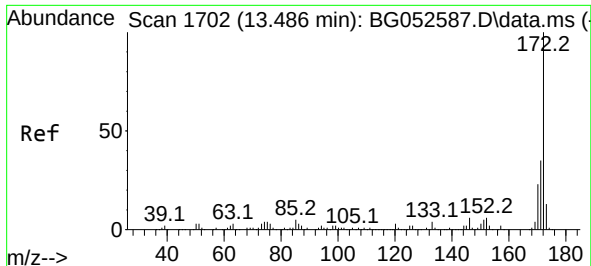
Tgt Ion:164 Resp: 84524
Ion Ratio Lower Upper
164 100
162 105.9 82.2 123.2
160 43.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 126.706 ng
RT: 16.353 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

Tgt Ion:330 Resp: 153918
Ion Ratio Lower Upper
330 100
332 95.7 78.6 117.8
141 30.2 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 89.569 ng

RT: 13.480 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG052603.D

Acq: 8 Mar 2022 13:20

Instrument :

BNA_G

ClientSampleId :

PB143083BL

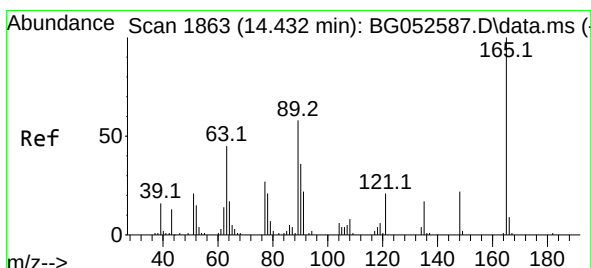
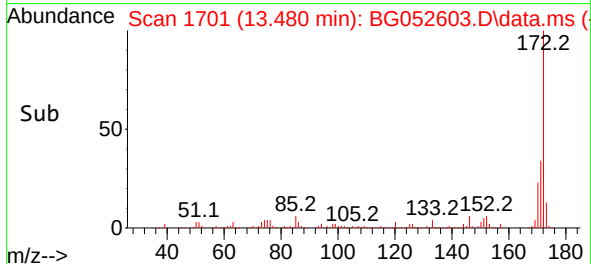
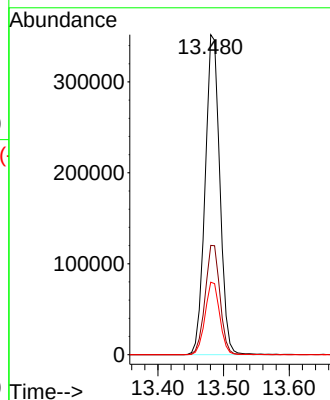
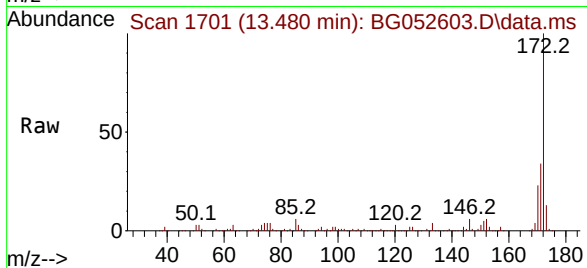
Tgt Ion:172 Resp: 549035

Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 22.7 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.091 ng

RT: 14.861 min Scan# 1936

Delta R.T. 0.429 min

Lab File: BG052603.D

Acq: 8 Mar 2022 13:20

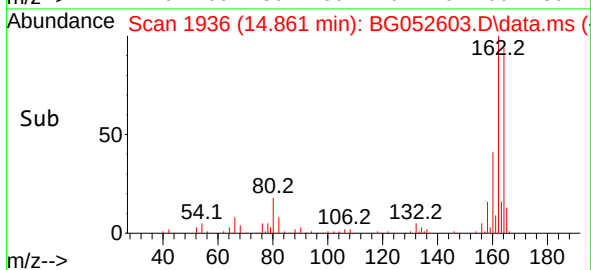
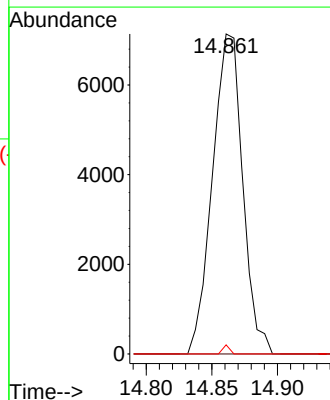
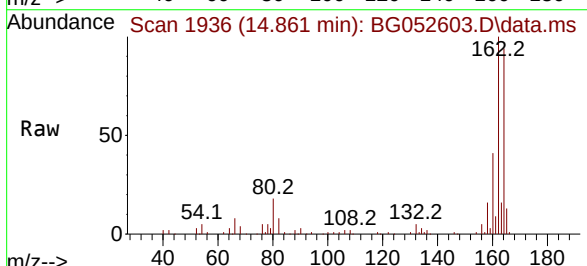
Tgt Ion:165 Resp: 11432

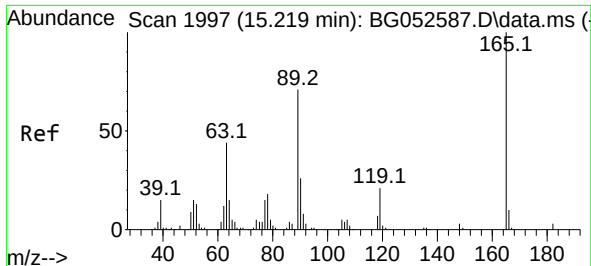
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 2.9 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.720 ng

RT: 14.861 min Scan# 1997

Delta R.T. -0.358 min

Lab File: BG052603.D

Acq: 8 Mar 2022 13:20

Instrument :

BNA_G

ClientSampleId :

PB143083BL

Tgt Ion:165 Resp: 11432

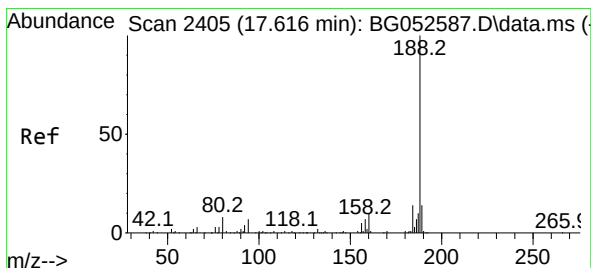
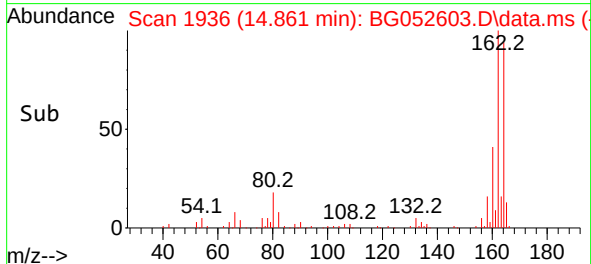
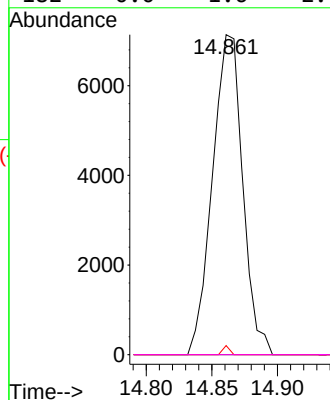
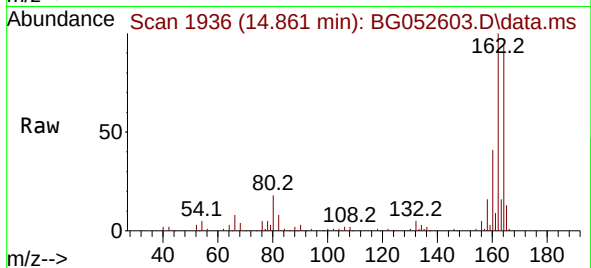
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.9 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.610 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BG052603.D

Acq: 8 Mar 2022 13:20

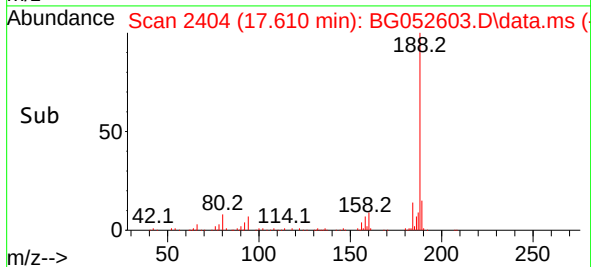
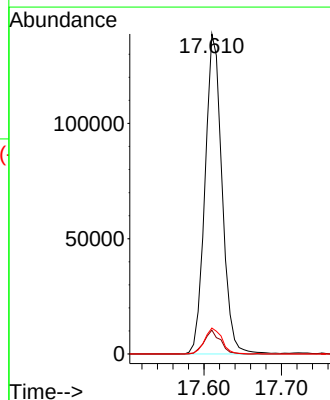
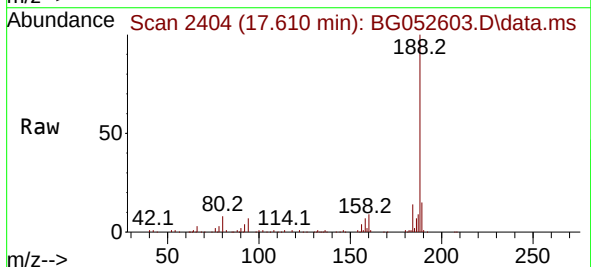
Tgt Ion:188 Resp: 211229

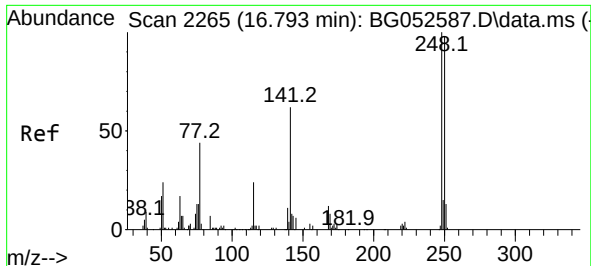
Ion Ratio Lower Upper

188 100

94 7.4 5.9 8.9

80 8.1 6.6 10.0

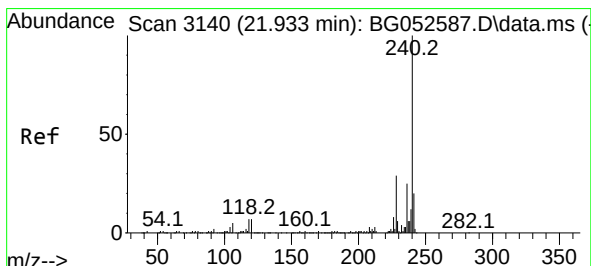
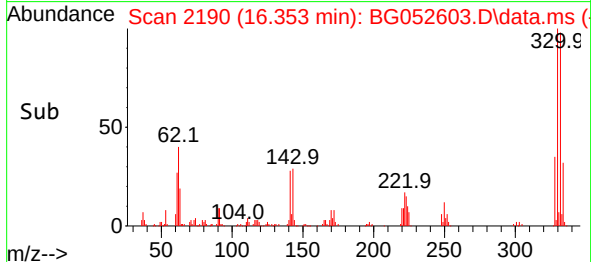
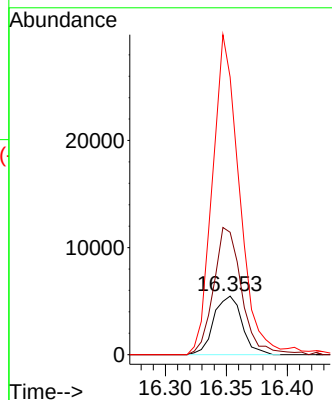
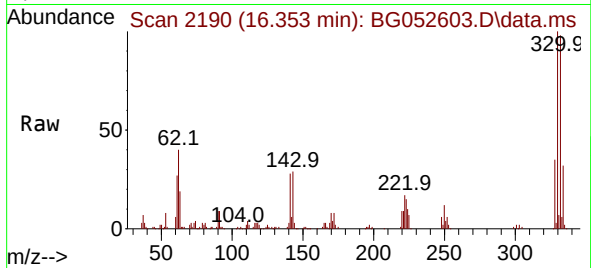




#67
4-Bromophenyl-phenylether
Concen: 3.451 ng
RT: 16.353 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

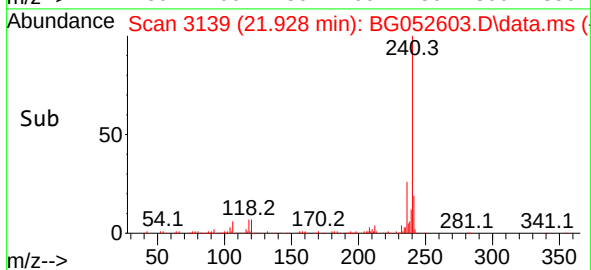
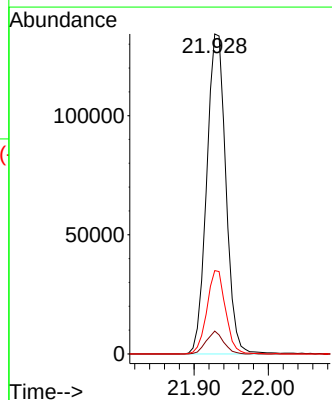
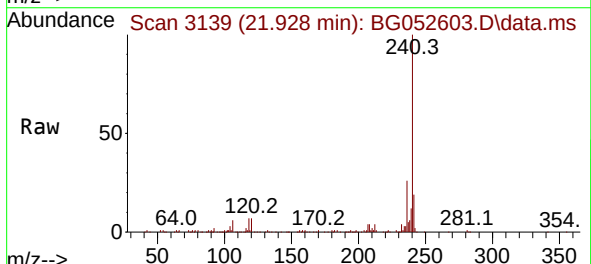
Instrument :
BNA_G
ClientSampleId :
PB143083BL

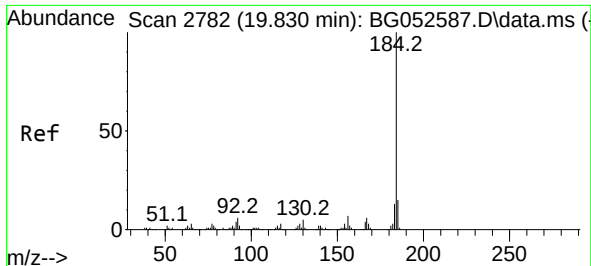
Tgt Ion:248 Resp: 8809
Ion Ratio Lower Upper
248 100
250 209.0 79.6 119.4#
141 474.4 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

Tgt Ion:240 Resp: 240822
Ion Ratio Lower Upper
240 100
120 7.2 4.4 6.6#
236 26.0 20.8 31.2

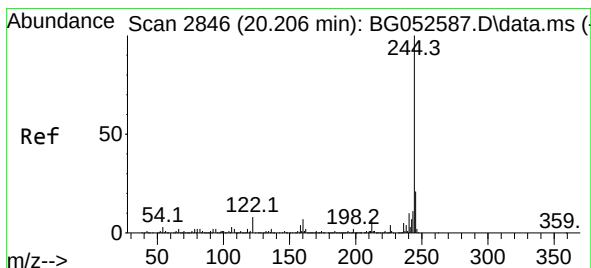
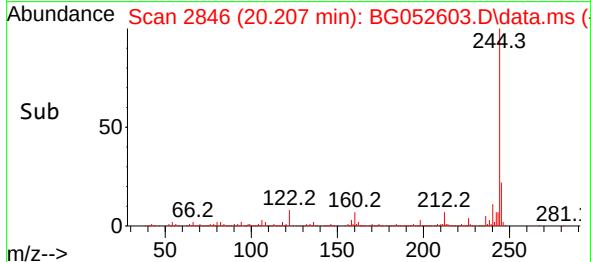
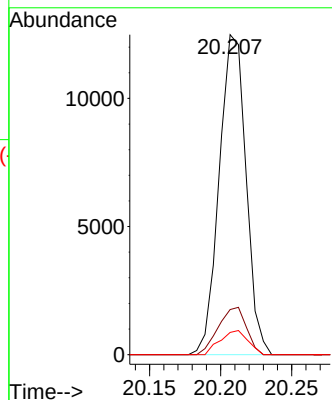
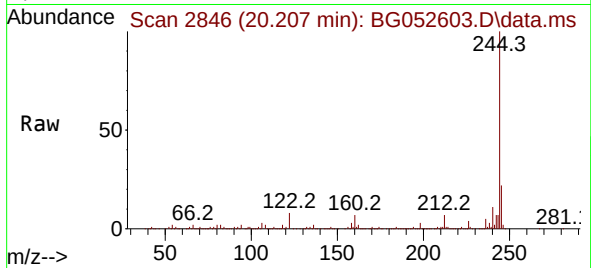




#77
Benzidine
Concen: 3.184 ng
RT: 20.207 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

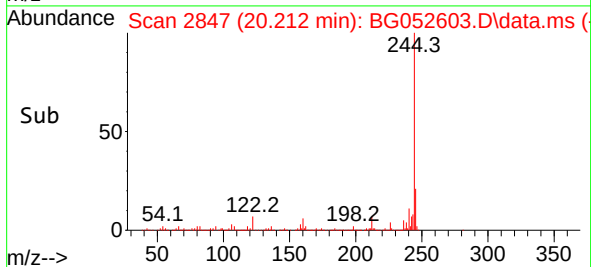
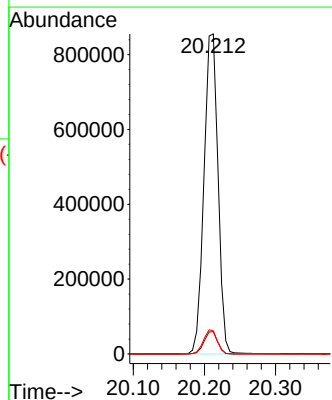
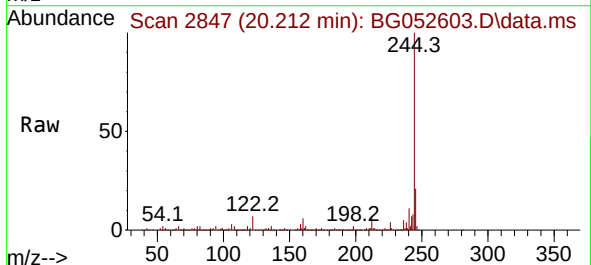
Instrument :
BNA_G
ClientSampleId :
PB143083BL

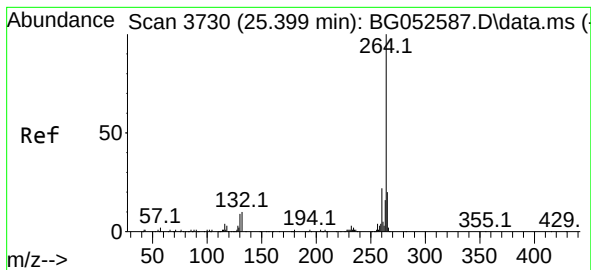
Tgt Ion:184 Resp: 16393
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 7.0 9.8 14.6#



#79
Terphenyl-d14
Concen: 87.673 ng
RT: 20.212 min Scan# 2847
Delta R.T. 0.006 min
Lab File: BG052603.D
Acq: 8 Mar 2022 13:20

Tgt Ion:244 Resp: 1179024
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 7.2 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.394 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG052603.D

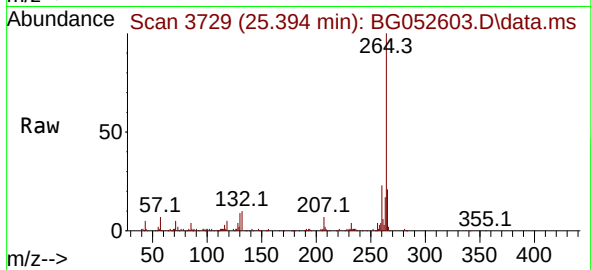
Acq: 8 Mar 2022 13:20

Instrument :

BNA_G

ClientSampleId :

PB143083BL



Tgt Ion:264 Resp: 237981

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 20.6 17.8 26.6

