

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
 Data File : BG052381.D
 Acq On : 14 Feb 2022 13:27
 Operator : CG/JU
 Sample : PB142473BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142473BL

Quant Time: Feb 14 14:14:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

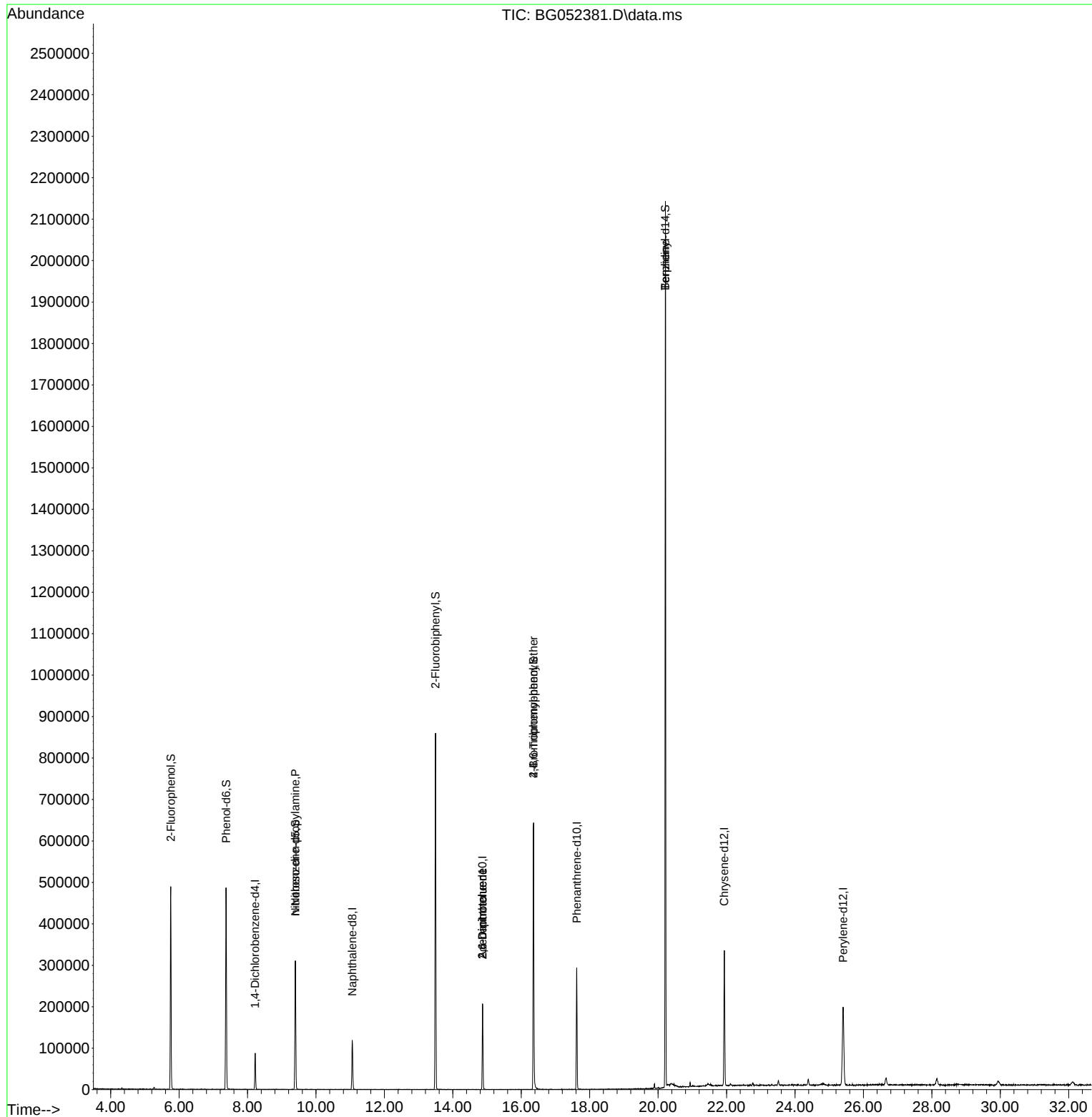
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	24036	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	102551	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	73886	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	193993	20.000	ng	0.00
76) Chrysene-d12	21.934	240	222996	20.000	ng	0.00
86) Perylene-d12	25.405	264	215002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	204457	148.253	ng	0.00
7) Phenol-d6	7.371	99	275753	129.590	ng	0.00
23) Nitrobenzene-d5	9.398	82	197853	83.850	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	139591	131.505	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	469721	88.338	ng	0.00
79) Terphenyl-d14	20.212	244	1049070	83.074	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.365	77	454	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.398	70	26986	16.822	ng	# 73
51) 2,6-Dinitrotoluene	14.867	165	10143	8.304	ng	# 16
57) 2,4-Dinitrotoluene	14.867	165	10143	5.835	ng	# 15
67) 4-Bromophenyl-phenylether	16.359	248	8865	3.758	ng	# 1
77) Benzidine	20.212	184	15141	3.178	ng	# 91

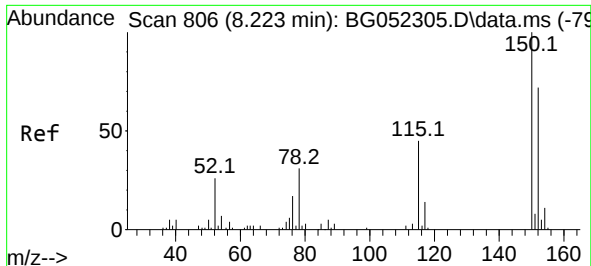
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

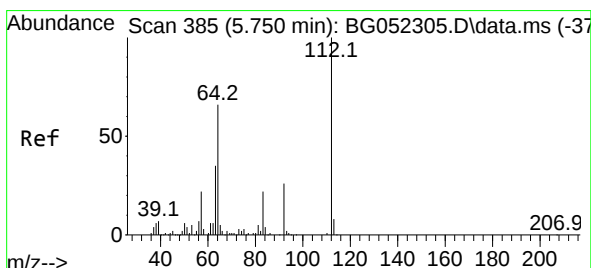
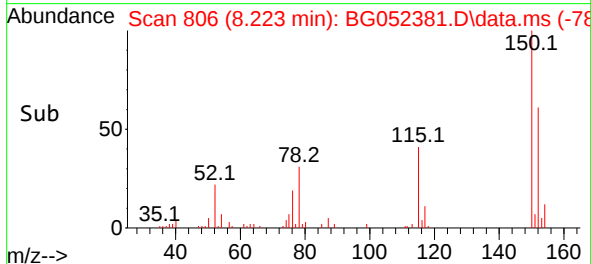
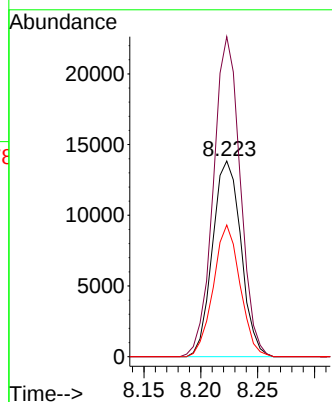
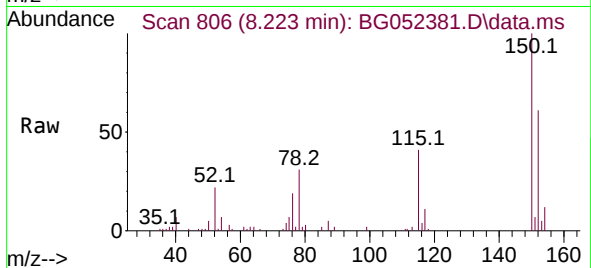




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

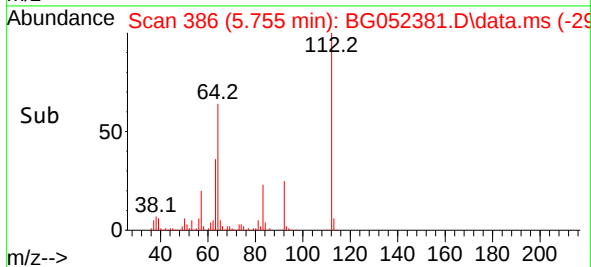
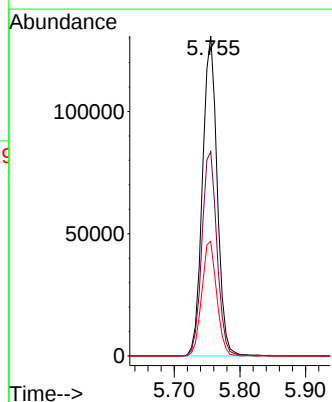
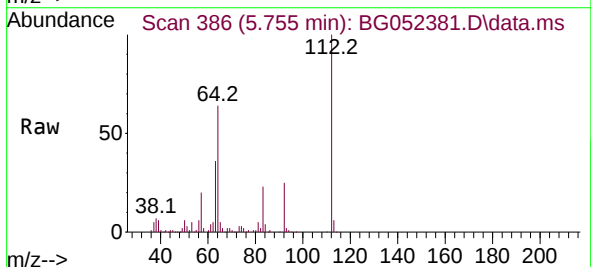
Instrument :
BNA_G
ClientSampleId :
PB142473BL

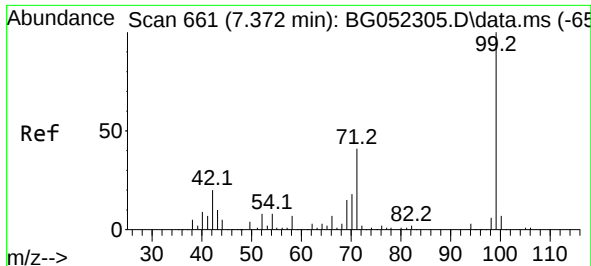
Tgt Ion:152 Resp: 24036
Ion Ratio Lower Upper
152 100
150 163.5 117.8 176.8
115 67.3 50.2 75.2



#5
2-Fluorophenol
Concen: 148.253 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

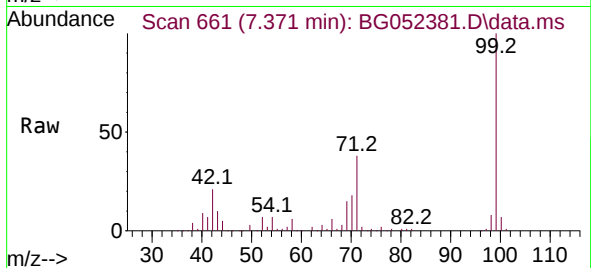
Tgt Ion:112 Resp: 204457
Ion Ratio Lower Upper
112 100
64 63.8 60.4 90.6
63 35.8 33.3 49.9



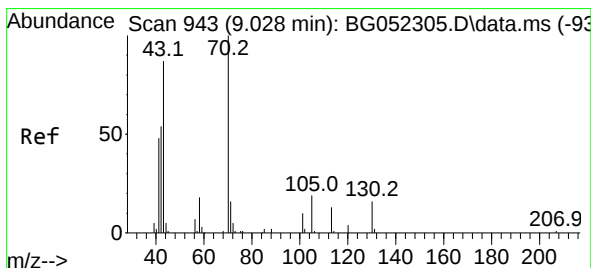
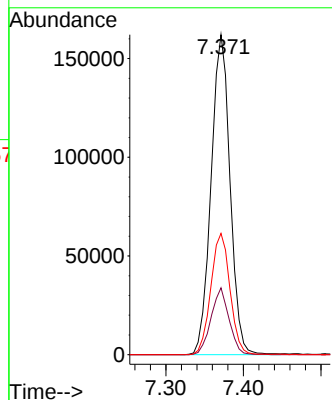
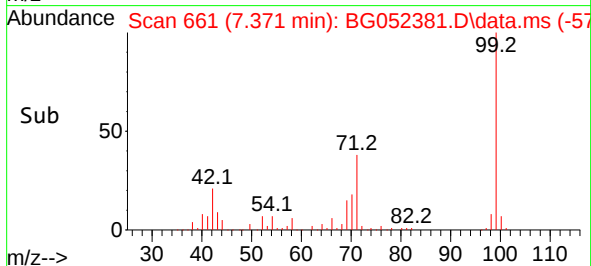


#7
Phenol-d6
Concen: 129.590 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

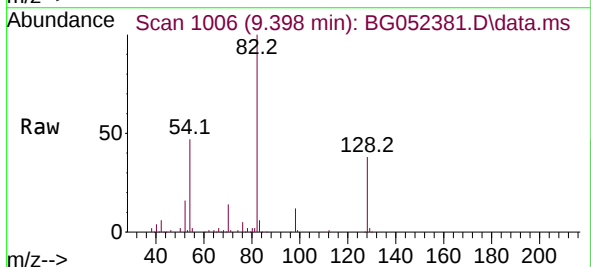
Instrument :
BNA_G
ClientSampleId :
PB142473BL



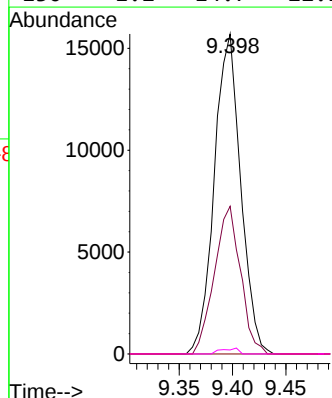
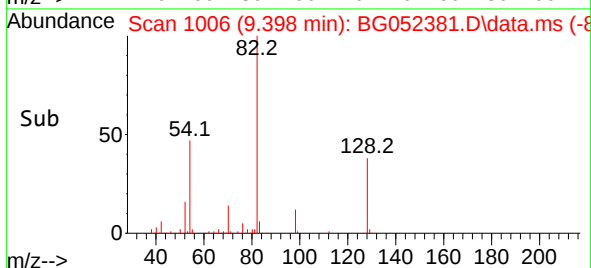
Tgt Ion: 99 Resp: 275753
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 37.9 33.4 50.2

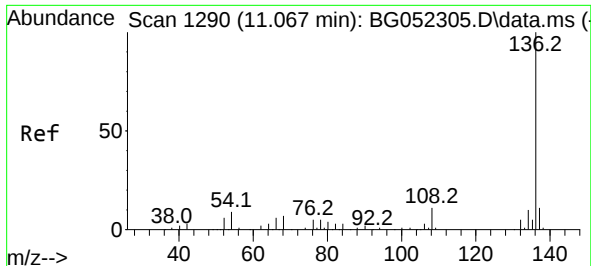


#19
n-Nitroso-di-n-propylamine
Concen: 16.822 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27



Tgt Ion: 70 Resp: 26986
Ion Ratio Lower Upper
70 100
42 46.2 51.8 77.6#
101 0.0 6.6 10.0#
130 1.2 14.7 22.1#

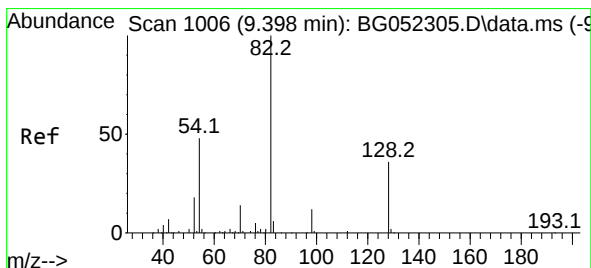
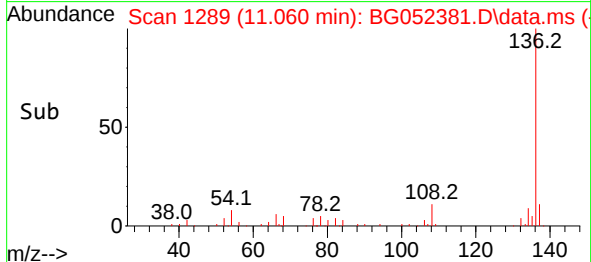
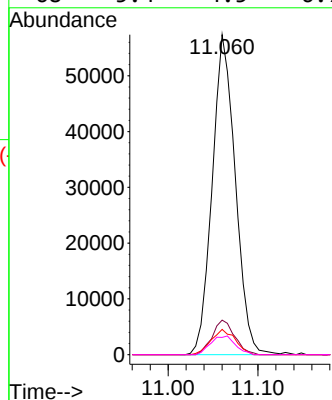
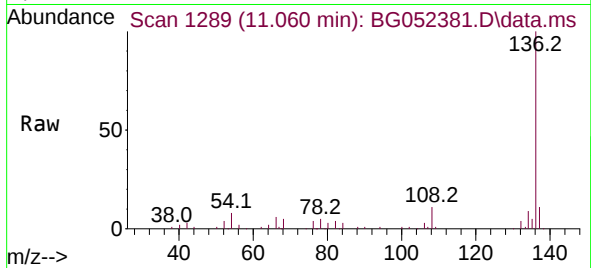




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

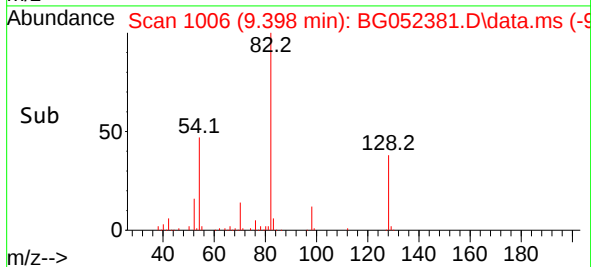
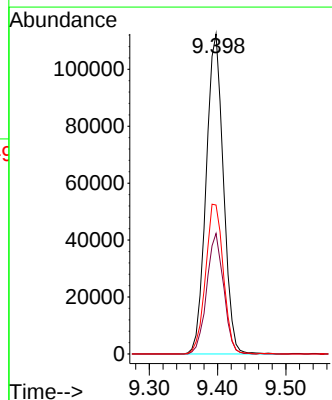
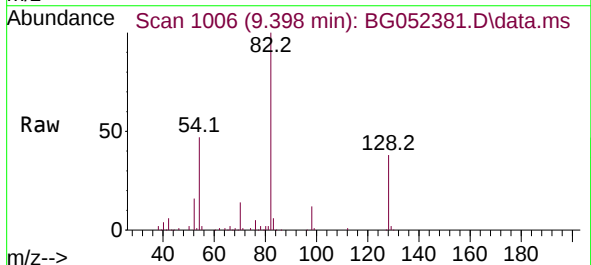
Instrument :
BNA_G
ClientSampleId :
PB142473BL

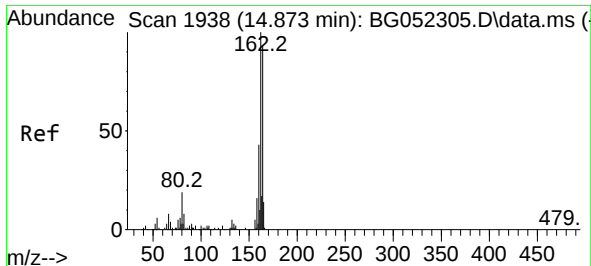
Tgt Ion:136 Resp: 102551
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.9 8.3 12.5#
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 83.850 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion: 82 Resp: 197853
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 46.5 41.0 61.6

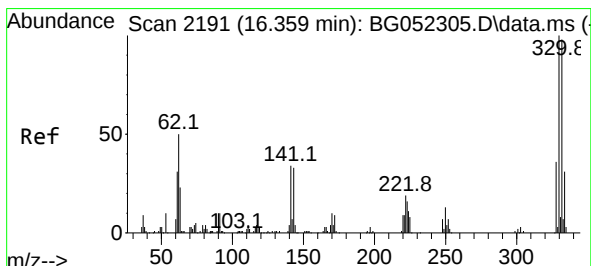
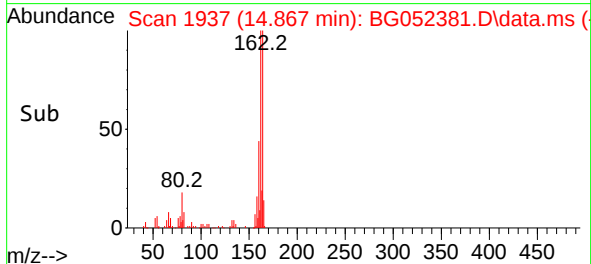
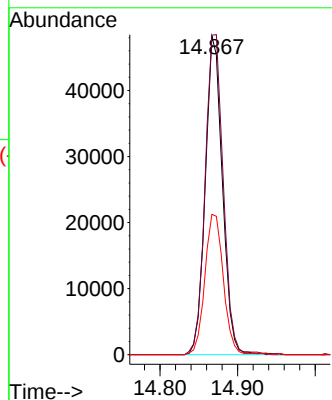
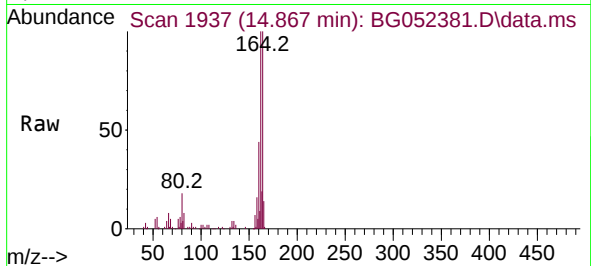




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

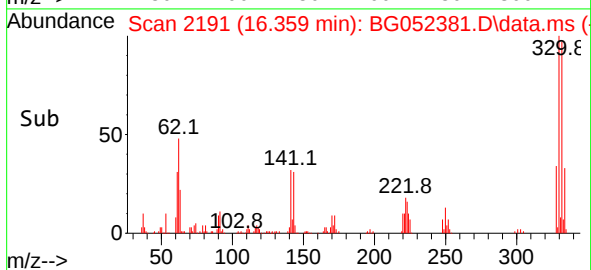
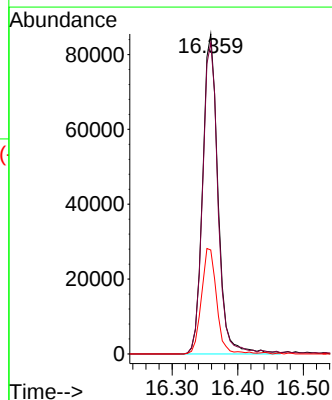
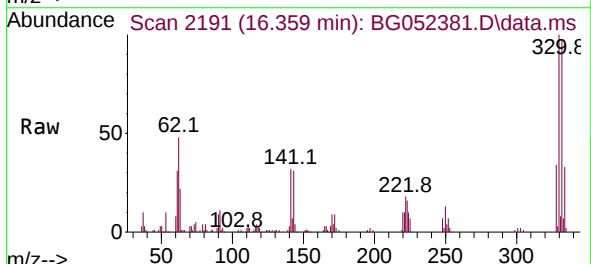
Instrument :
BNA_G
ClientSampleId :
PB142473BL

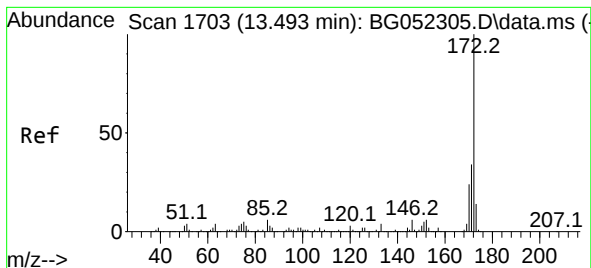
Tgt Ion:164 Resp: 73886
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 131.505 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion:330 Resp: 139591
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 32.5 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 88.338 ng

RT: 13.492 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG052381.D

Acq: 14 Feb 2022 13:27

Instrument :

BNA_G

ClientSampleId :

PB142473BL

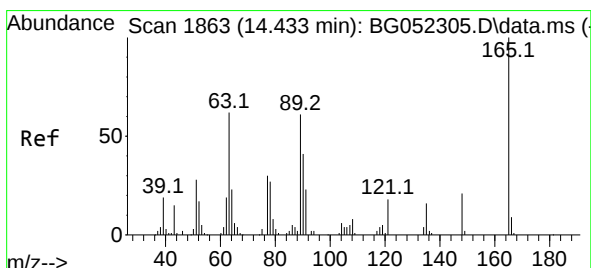
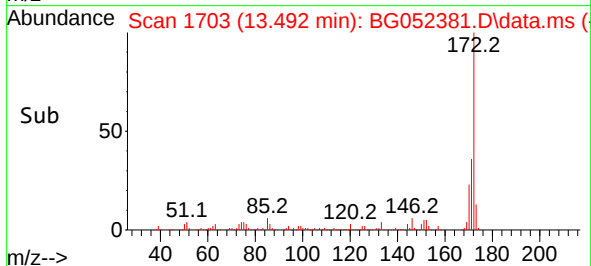
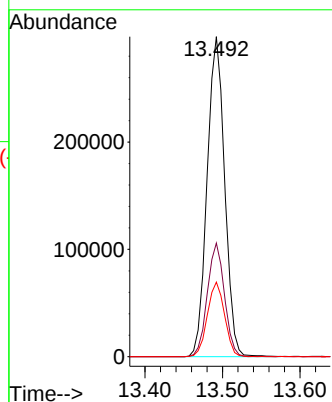
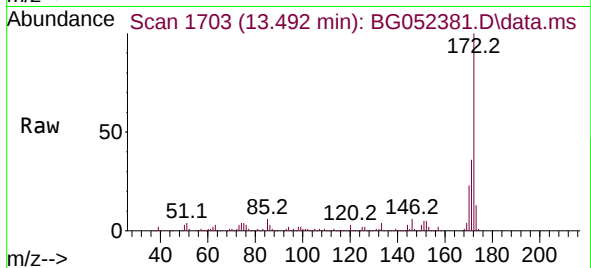
Tgt Ion:172 Resp: 469721

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.304 ng

RT: 14.867 min Scan# 1937

Delta R.T. 0.434 min

Lab File: BG052381.D

Acq: 14 Feb 2022 13:27

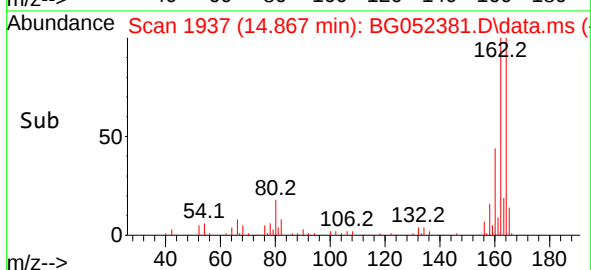
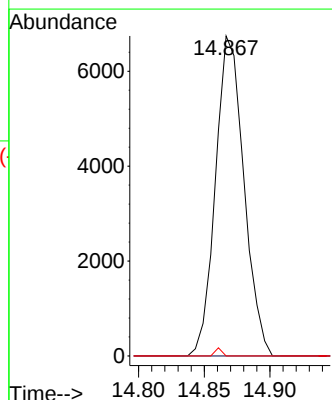
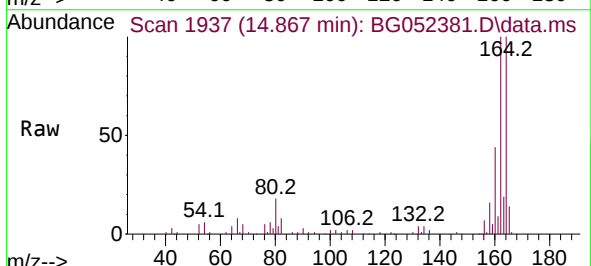
Tgt Ion:165 Resp: 10143

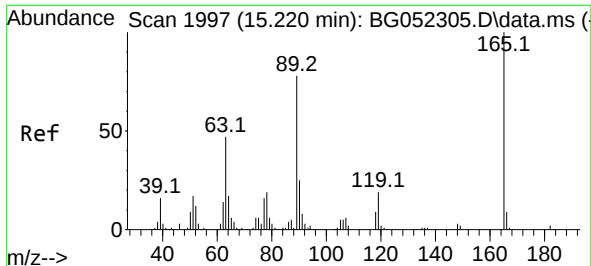
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.835 ng

RT: 14.867 min Scan# 1997

Delta R.T. -0.353 min

Lab File: BG052381.D

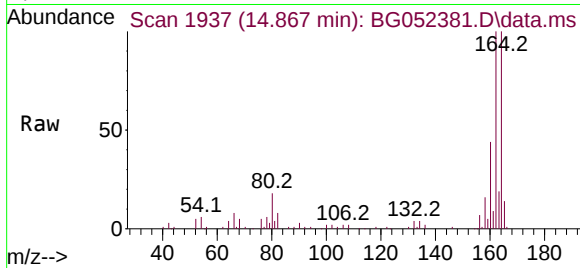
Acq: 14 Feb 2022 13:27

Instrument :

BNA_G

ClientSampleId :

PB142473BL



Tgt Ion:165 Resp: 10143

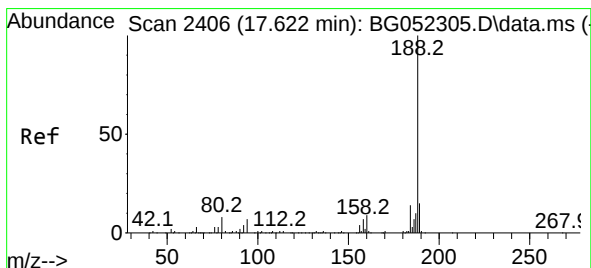
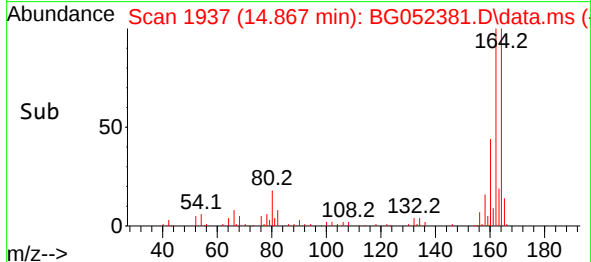
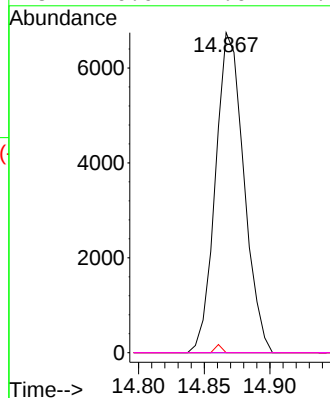
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.622 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BG052381.D

Acq: 14 Feb 2022 13:27

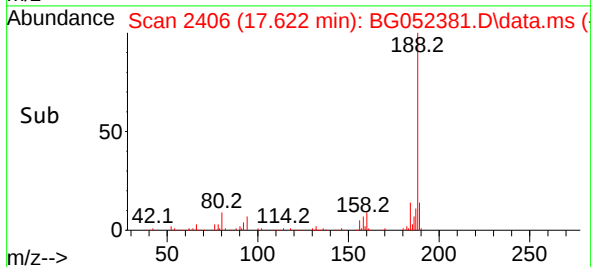
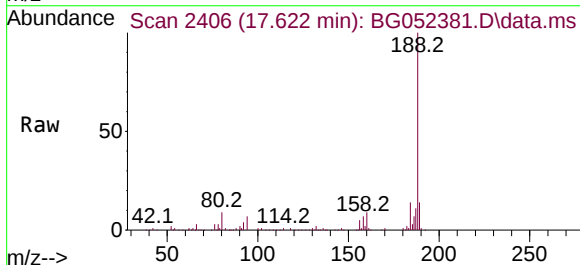
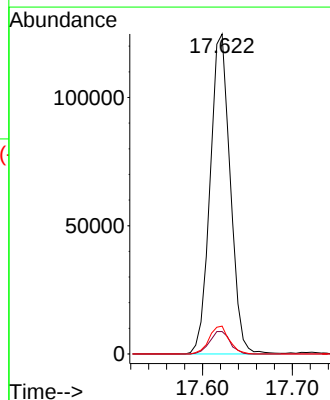
Tgt Ion:188 Resp: 193993

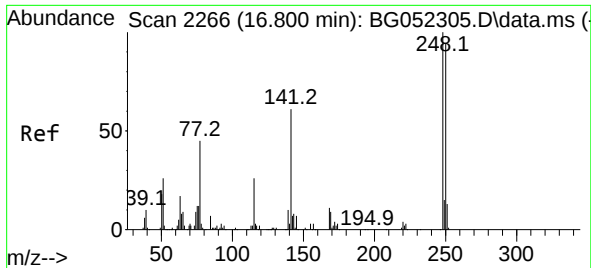
Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.7 6.6 10.0

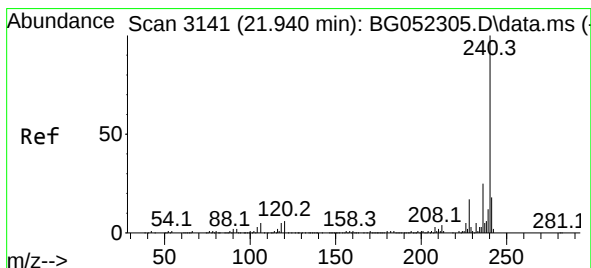
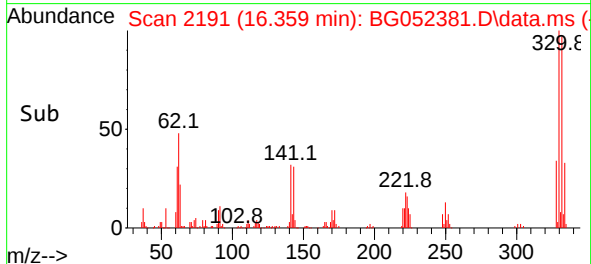
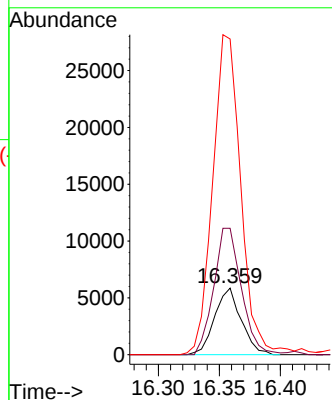
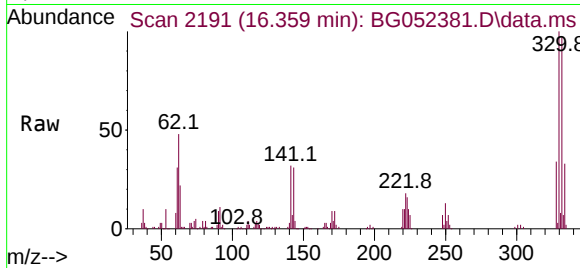




#67
4-Bromophenyl-phenylether
Concen: 3.758 ng
RT: 16.359 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

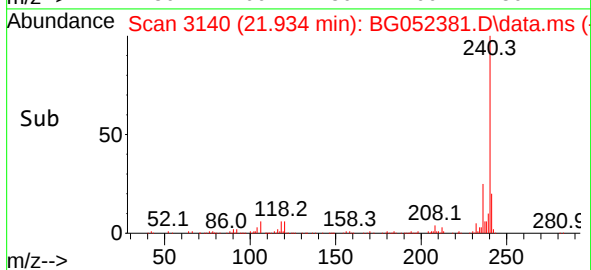
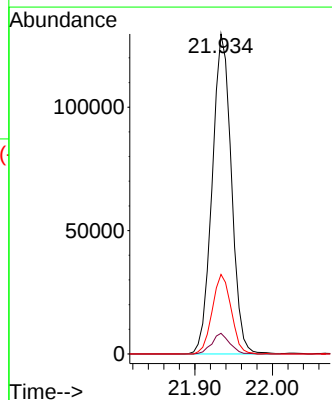
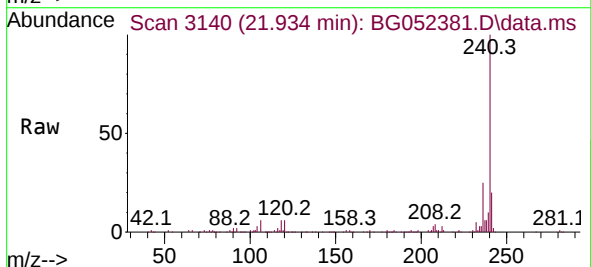
Instrument :
BNA_G
ClientSampleId :
PB142473BL

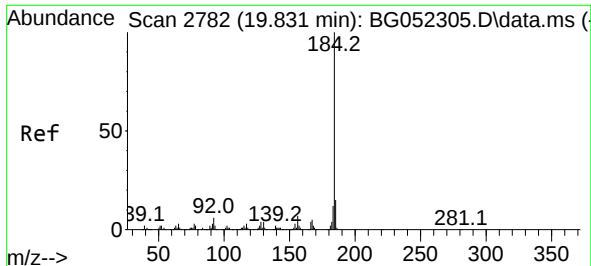
Tgt Ion:248 Resp: 8865
Ion Ratio Lower Upper
248 100
250 189.7 79.6 119.4#
141 473.8 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion:240 Resp: 222996
Ion Ratio Lower Upper
240 100
120 6.4 4.4 6.6
236 24.9 20.8 31.2

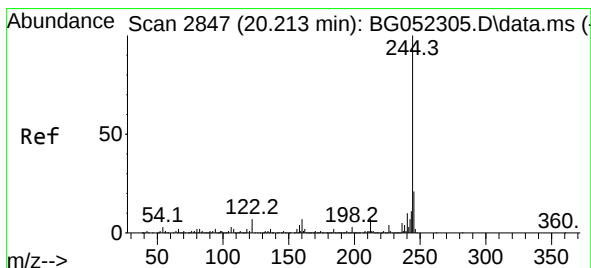
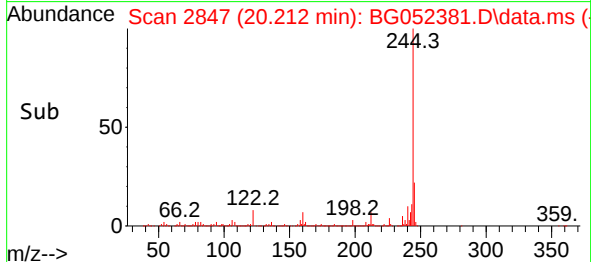
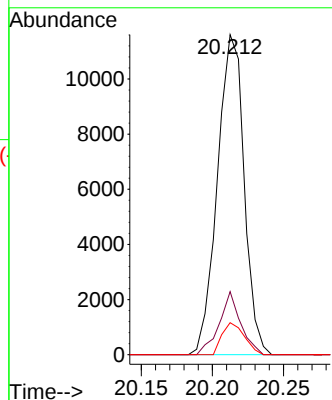
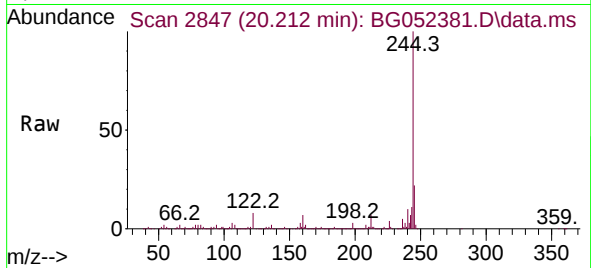




#77
Benzidine
Concen: 3.178 ng
RT: 20.212 min Scan# 2847
Delta R.T. 0.381 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

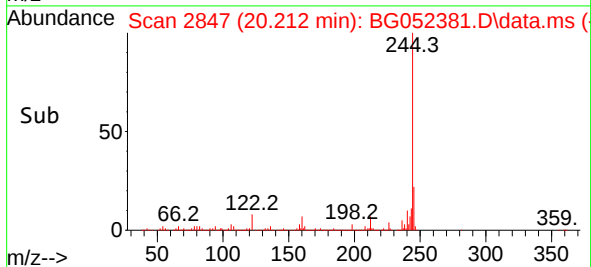
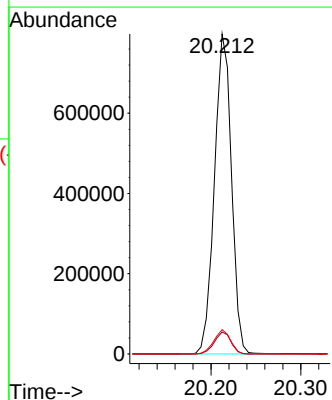
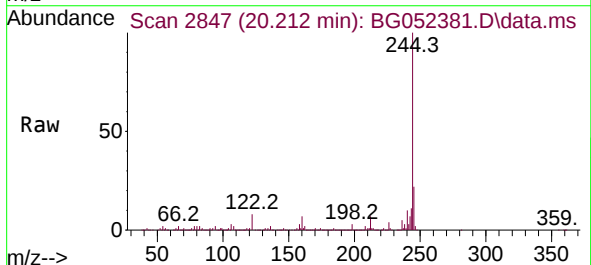
Instrument :
BNA_G
ClientSampleId :
PB142473BL

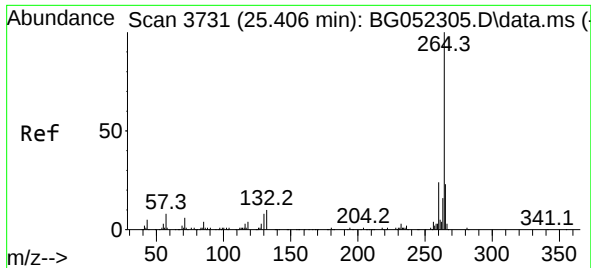
Tgt Ion:184 Resp: 15141
Ion Ratio Lower Upper
184 100
185 19.7 11.8 17.8#
183 10.0 9.8 14.6



#79
Terphenyl-d14
Concen: 83.074 ng
RT: 20.212 min Scan# 2847
Delta R.T. -0.001 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion:244 Resp: 1049070
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 7.6 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.405 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG052381.D
 Acq: 14 Feb 2022 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB142473BL

Tgt Ion:264 Resp: 215002
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 22.0 17.8 26.6

