

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053470.D
 Acq On : 6 May 2022 10:51
 Operator : CG/JU
 Sample : PB144601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144601BL

Quant Time: May 06 22:52:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

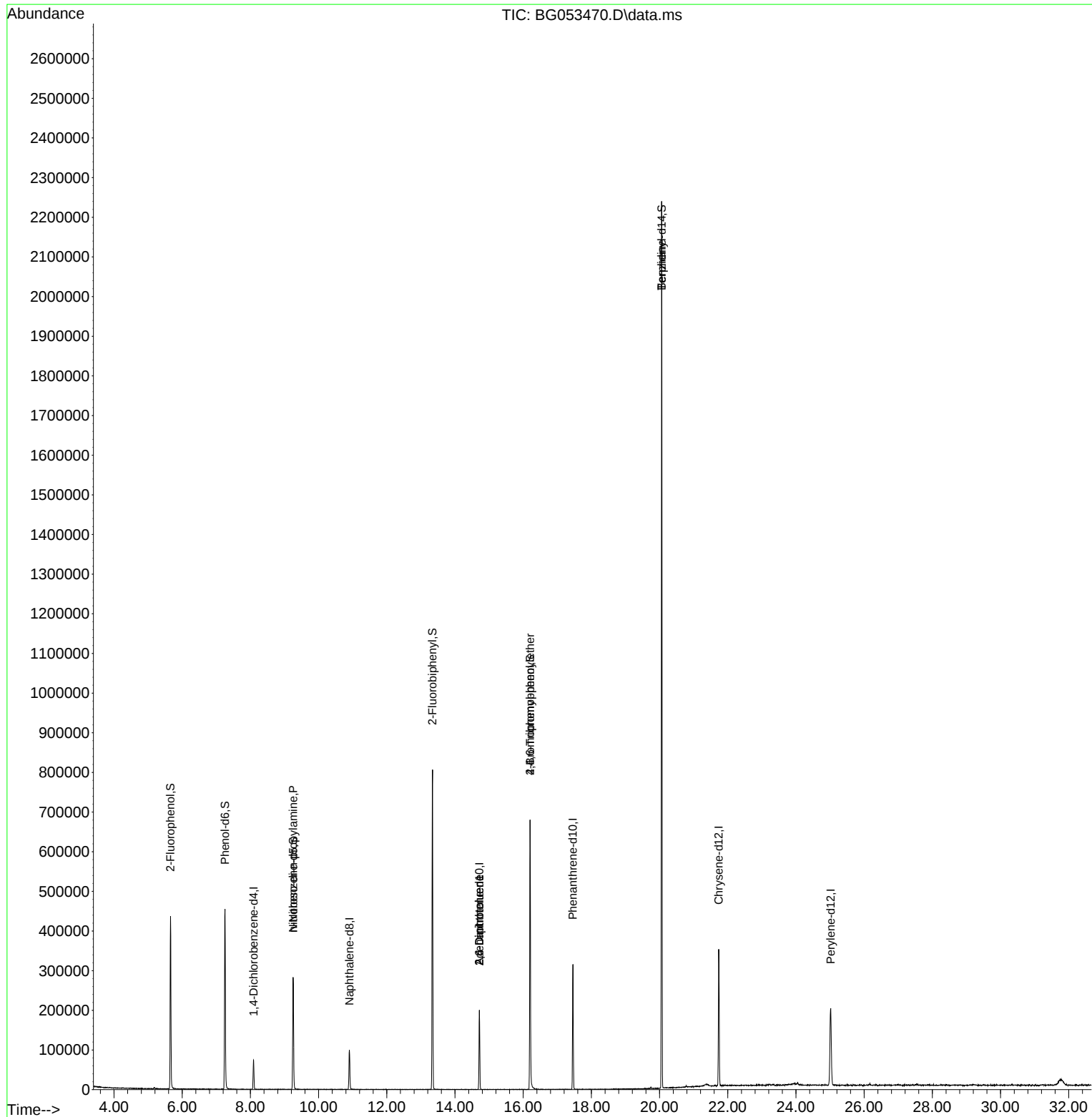
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	21238	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	87408	20.000	ng	-0.01
39) Acenaphthene-d10	14.715	164	73534	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	197952	20.000	ng	0.00
76) Chrysene-d12	21.735	240	227258	20.000	ng	0.00
86) Perylene-d12	25.019	264	223739	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	177857	142.126	ng	-0.01
7) Phenol-d6	7.255	99	263574	138.782	ng	0.00
23) Nitrobenzene-d5	9.252	82	181409	88.348	ng	-0.01
42) 2,4,6-Tribromophenol	16.201	330	143998	132.773	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	437118	86.865	ng	0.00
79) Terphenyl-d14	20.061	244	1100169	90.163	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.252	70	25580	18.772	ng	# 71
51) 2,6-Dinitrotoluene	14.715	165	9345	8.209	ng	# 16
57) 2,4-Dinitrotoluene	14.715	165	9345	5.663	ng	# 21
67) 4-Bromophenyl-phenylether	16.201	248	8867	3.835	ng	# 1
77) Benzidine	20.061	184	18112	3.698	ng	# 89

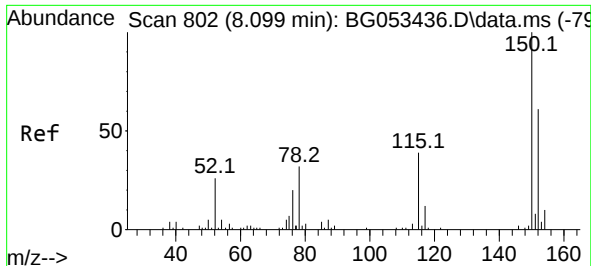
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
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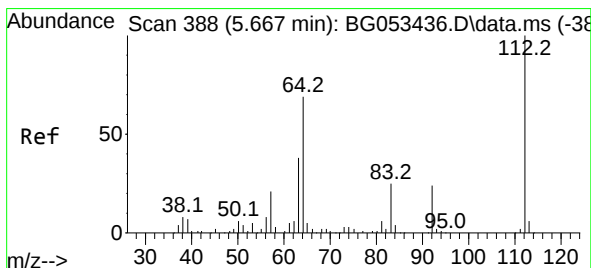
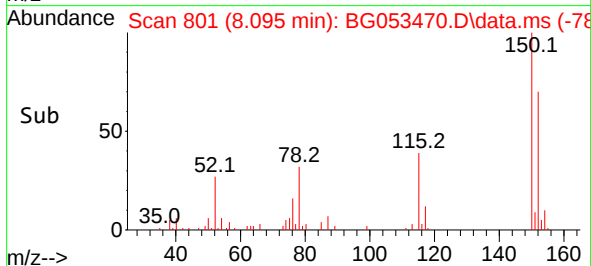
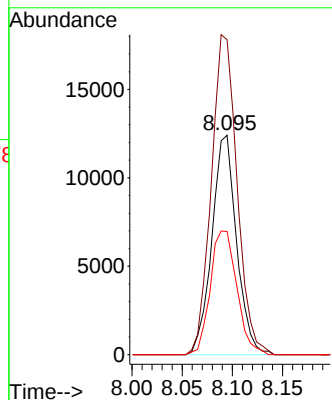
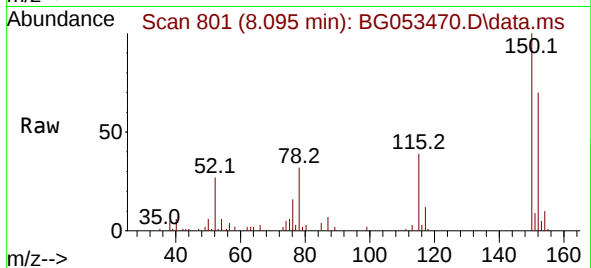




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.004 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

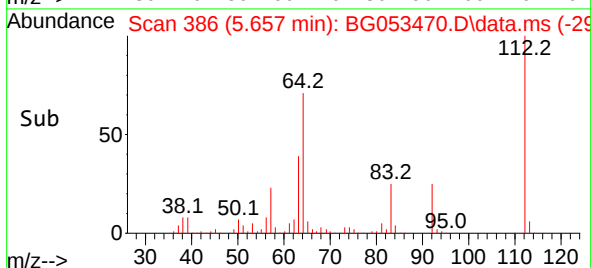
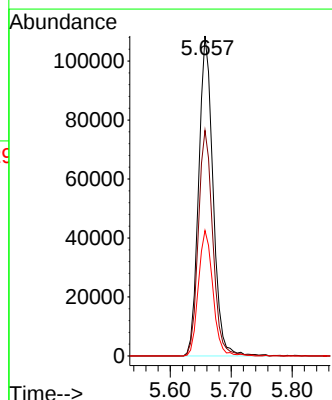
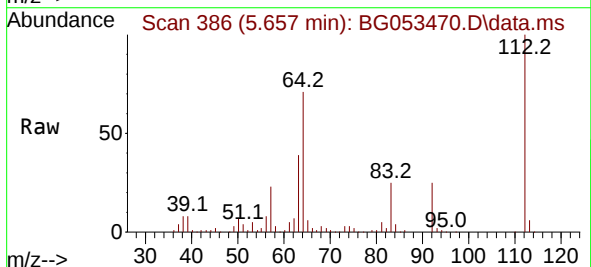
Instrument :
BNA_G
ClientSampleId :
PB144601BL

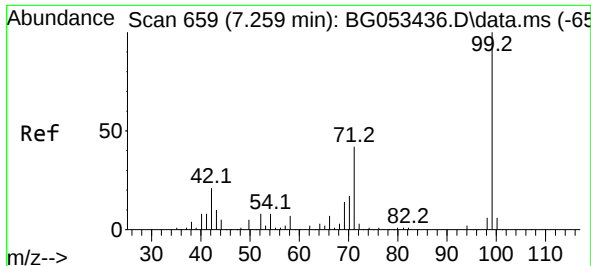
Tgt Ion:152 Resp: 21238
Ion Ratio Lower Upper
152 100
150 143.6 131.6 197.4
115 56.2 50.9 76.3



#5
2-Fluorophenol
Concen: 142.126 ng
RT: 5.657 min Scan# 386
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:112 Resp: 177857
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 39.2 30.4 45.6

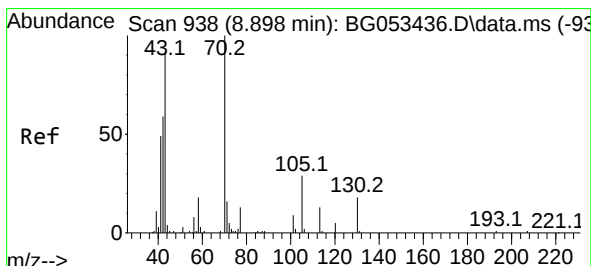
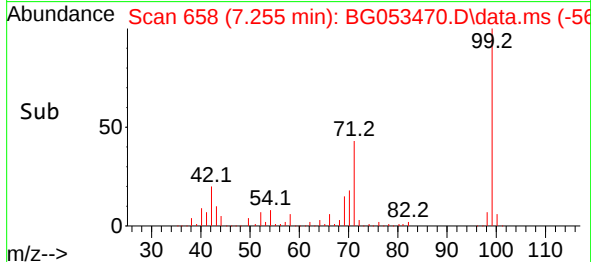
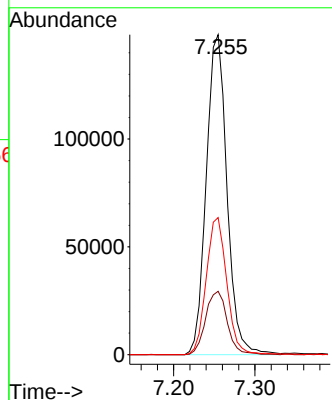
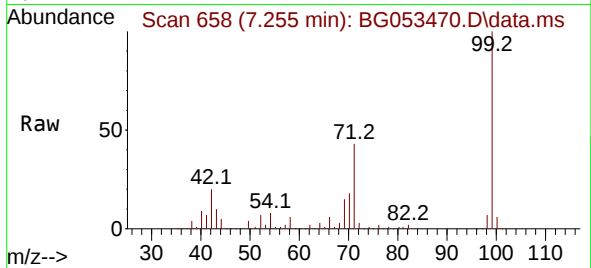




#7
Phenol-d6
Concen: 138.782 ng
RT: 7.255 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

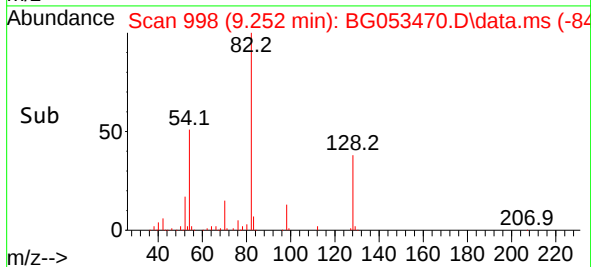
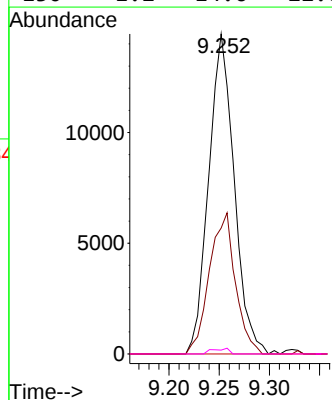
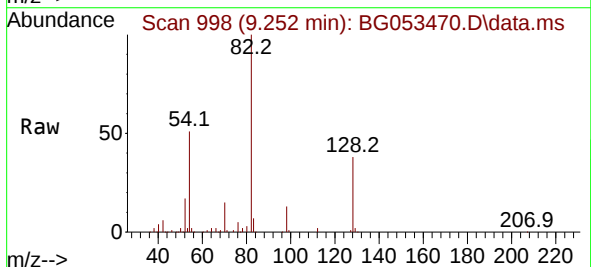
Instrument :
BNA_G
ClientSampleId :
PB144601BL

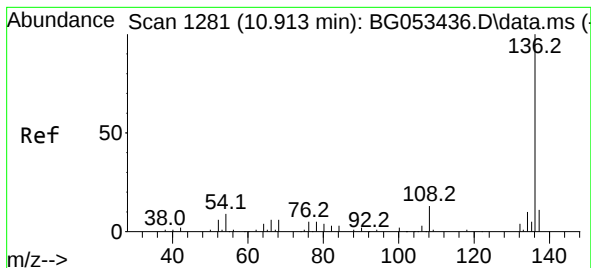
Tgt Ion: 99 Resp: 263574
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 42.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.772 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.354 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion: 70 Resp: 25580
Ion Ratio Lower Upper
70 100
42 39.3 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.903 min Scan# 11

Delta R.T. -0.010 min

Lab File: BG053470.D

Acq: 6 May 2022 10:51

Instrument :

BNA_G

ClientSampleId :

PB144601BL

Tgt Ion:136 Resp: 87408

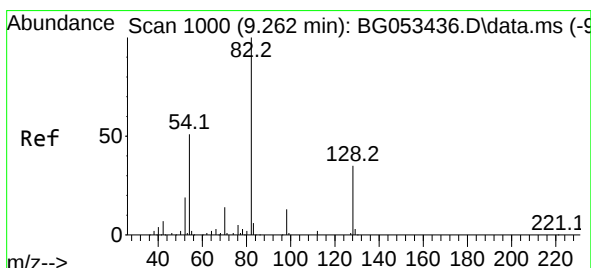
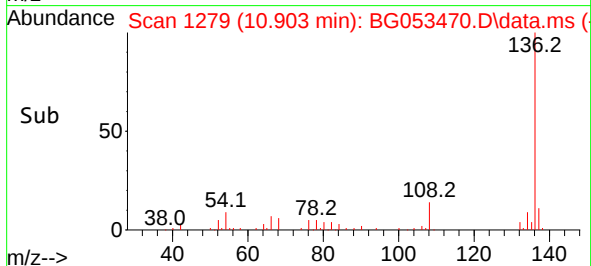
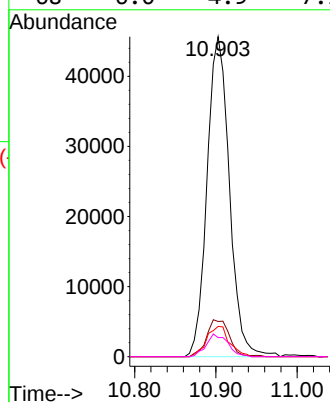
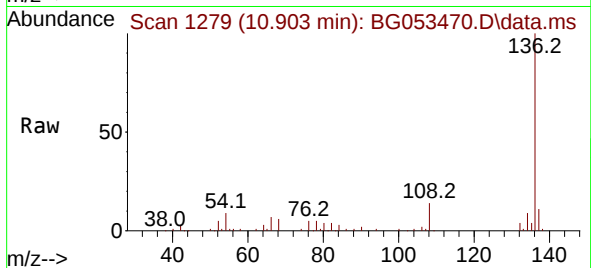
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.5 7.4 11.2

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 88.348 ng

RT: 9.252 min Scan# 998

Delta R.T. -0.010 min

Lab File: BG053470.D

Acq: 6 May 2022 10:51

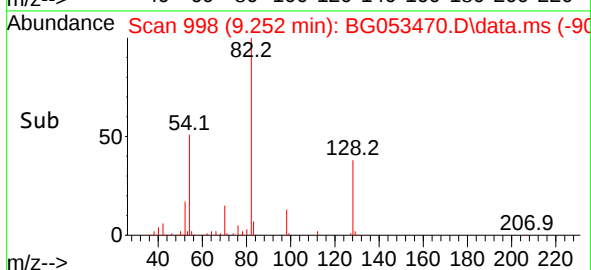
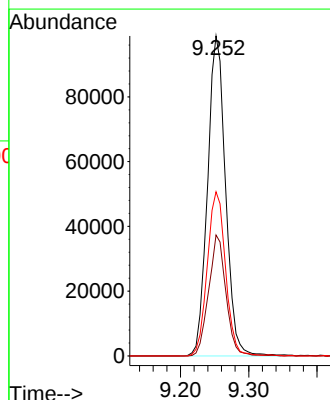
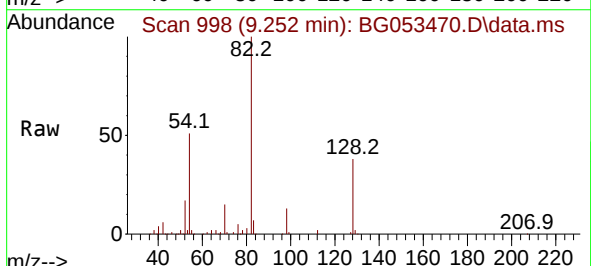
Tgt Ion: 82 Resp: 181409

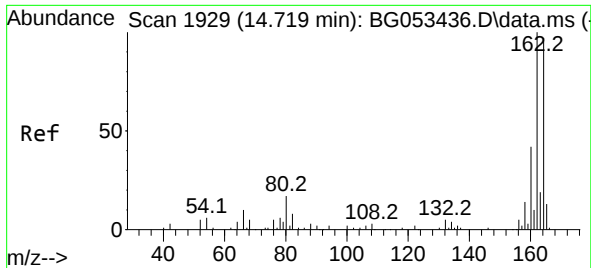
Ion Ratio Lower Upper

82 100

128 37.8 27.9 41.9

54 51.3 41.2 61.8





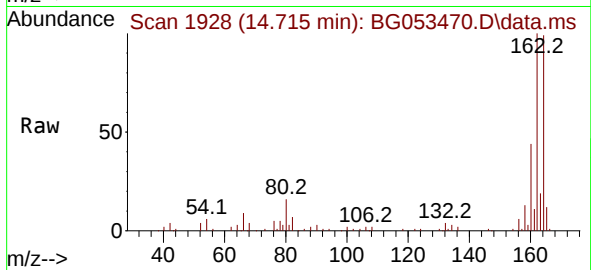
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.715 min Scan# 1928
 Delta R.T. -0.004 min
 Lab File: BG053470.D
 Acq: 6 May 2022 10:51

Instrument :

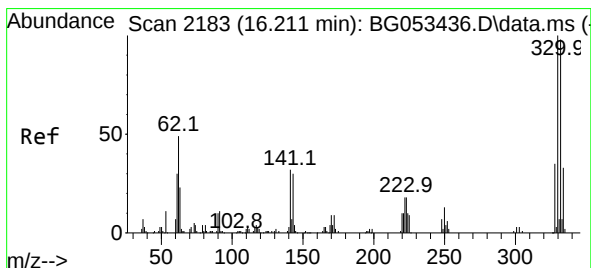
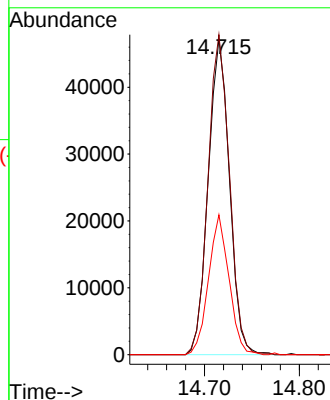
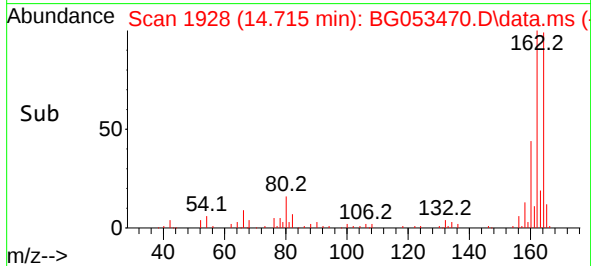
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ClientSampleId :

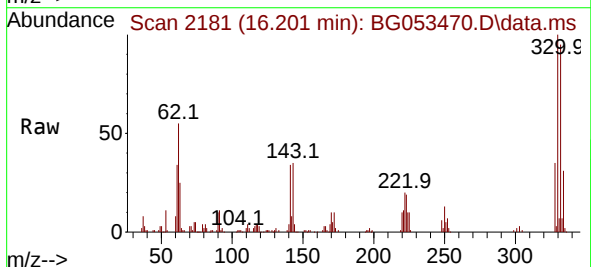
PB144601BL



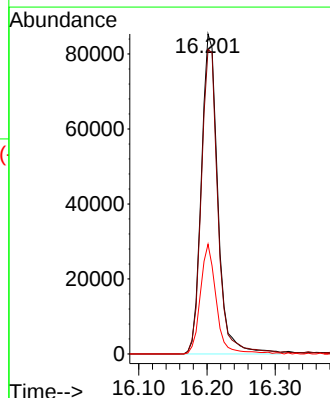
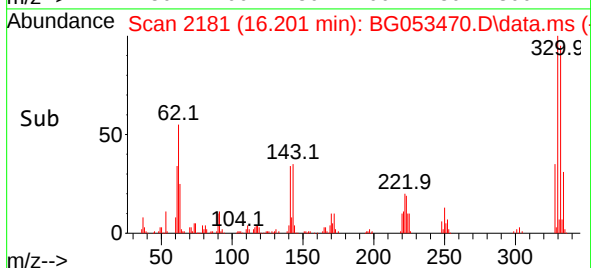
Tgt Ion:164 Resp: 73534
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.3 123.5
 160 44.3 34.2 51.2

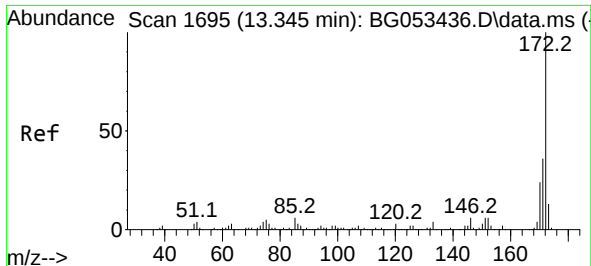


#42
 2,4,6-Tribromophenol
 Concen: 132.773 ng
 RT: 16.201 min Scan# 2181
 Delta R.T. -0.010 min
 Lab File: BG053470.D
 Acq: 6 May 2022 10:51



Tgt Ion:330 Resp: 143998
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 33.0 27.1 40.7

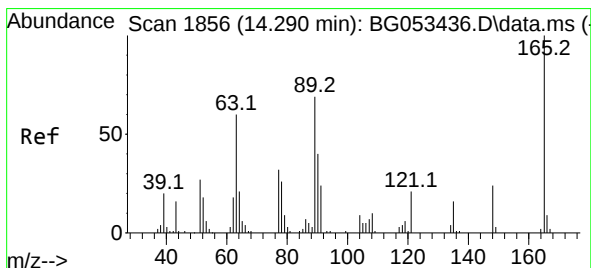
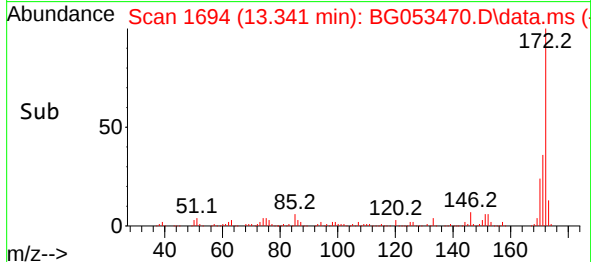
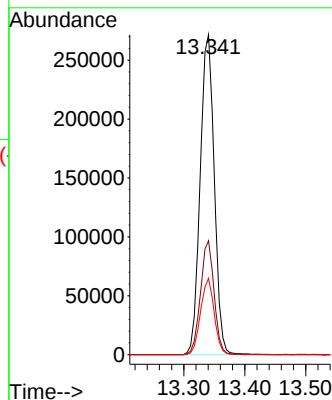
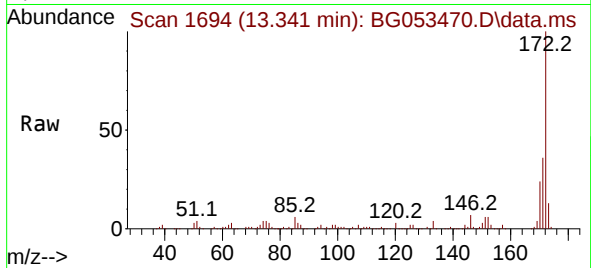




#45
2-Fluorobiphenyl
Concen: 86.865 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

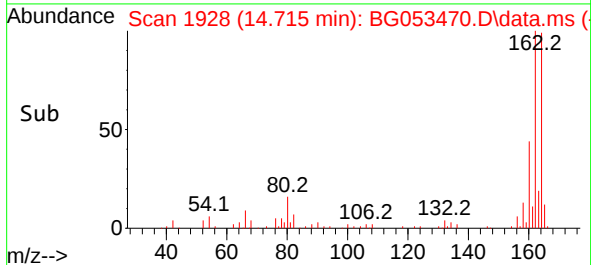
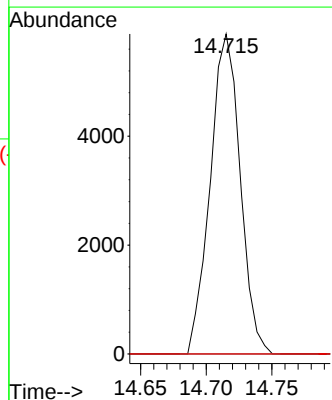
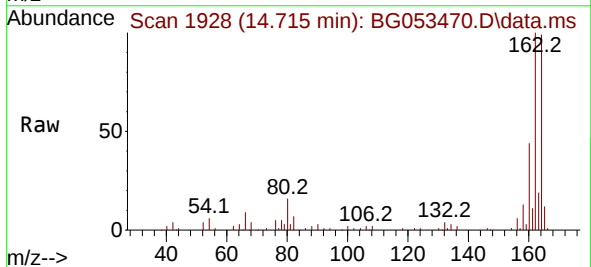
Instrument :
BNA_G
ClientSampleId :
PB144601BL

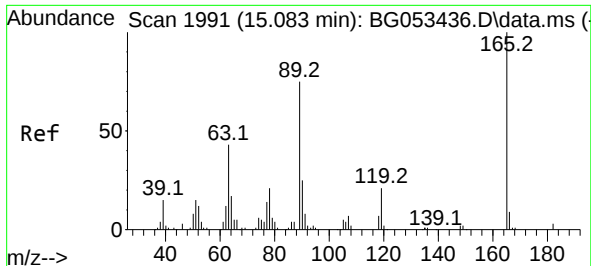
Tgt Ion:172 Resp: 437118
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.209 ng
RT: 14.715 min Scan# 1928
Delta R.T. 0.425 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:165 Resp: 9345
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: 5.663 ng

RT: 14.715 min Scan# 1991

Delta R.T. -0.368 min

Lab File: BG053470.D

Acq: 6 May 2022 10:51

Instrument :

BNA_G

ClientSampleId :

PB144601BL

Tgt Ion:165 Resp: 9345

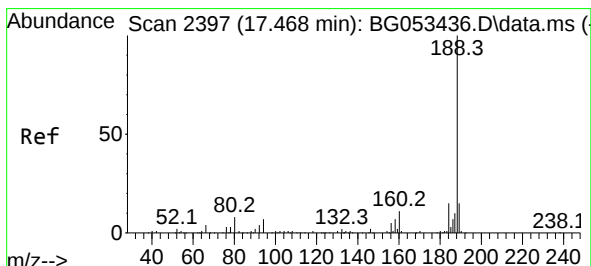
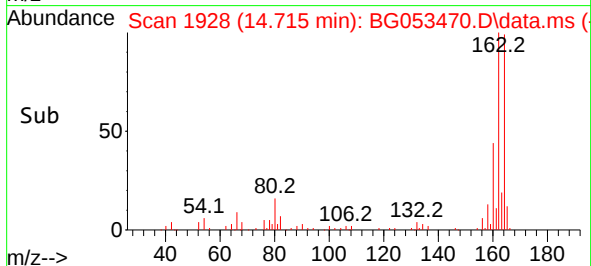
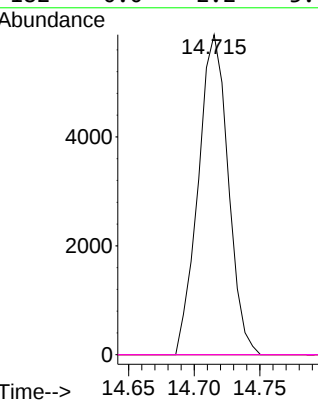
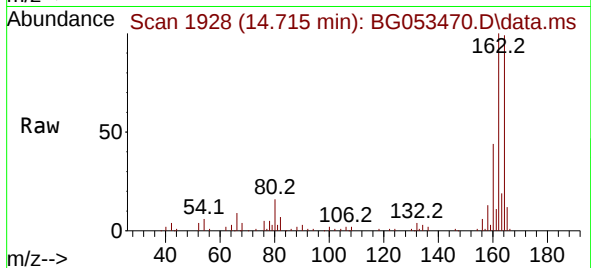
Ion Ratio Lower Upper

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: 17.459 min Scan# 2395

Delta R.T. -0.010 min

Lab File: BG053470.D

Acq: 6 May 2022 10:51

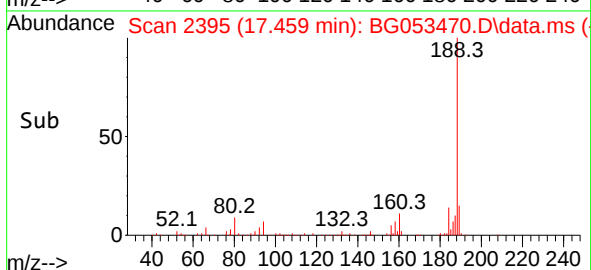
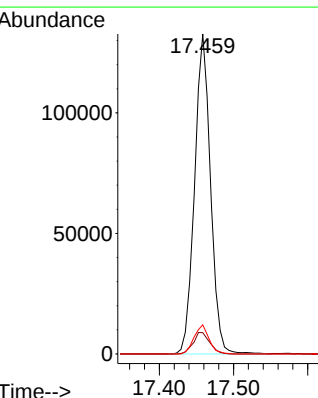
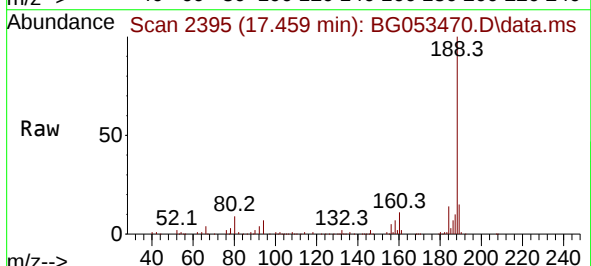
Tgt Ion:188 Resp: 197952

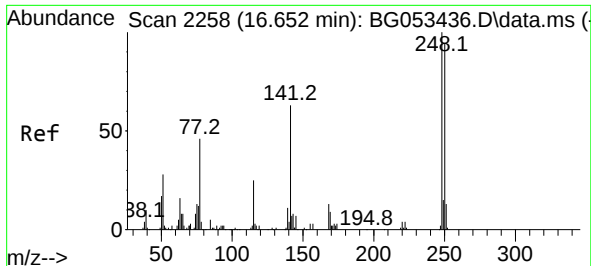
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 9.1 6.8 10.2

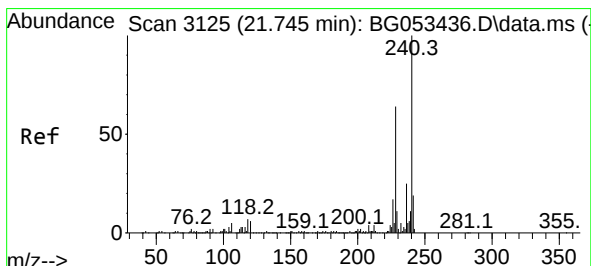
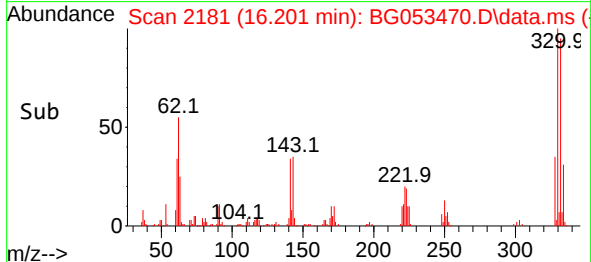
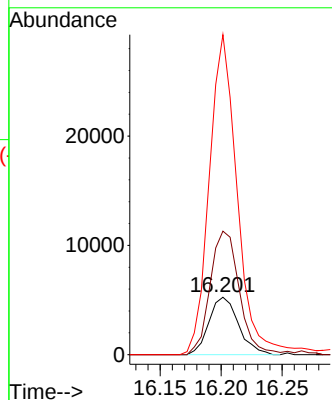
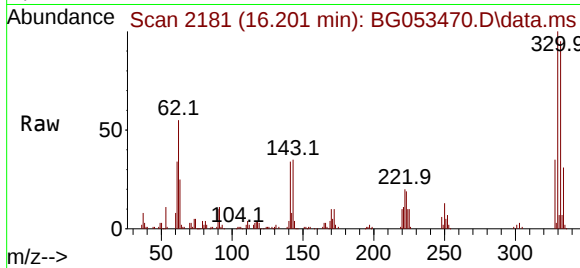




#67
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 16.201 min Scan# 2181
Delta R.T. -0.450 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

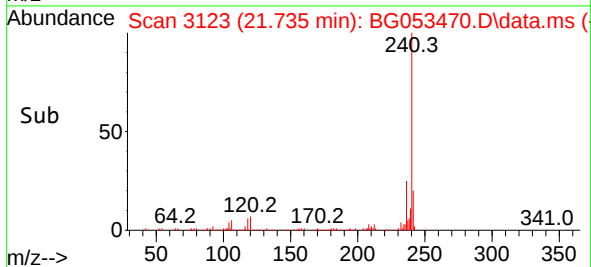
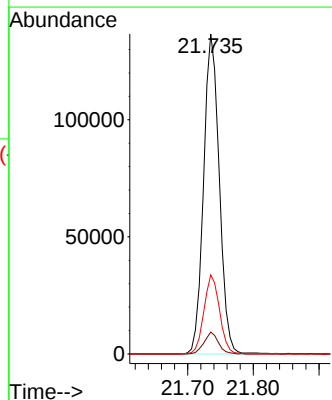
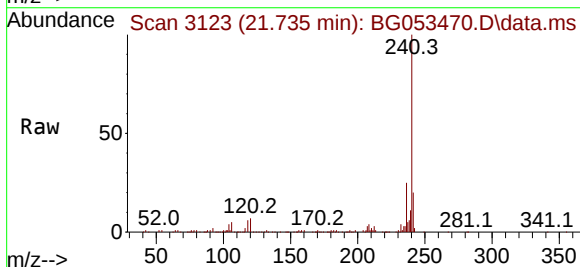
Instrument :
BNA_G
ClientSampleId :
PB144601BL

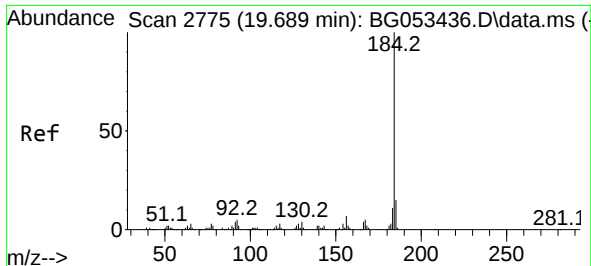
Tgt Ion:248 Resp: 8867
Ion Ratio Lower Upper
248 100
250 214.7 75.2 112.8#
141 556.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.735 min Scan# 3123
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:240 Resp: 227258
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 24.7 20.2 30.4

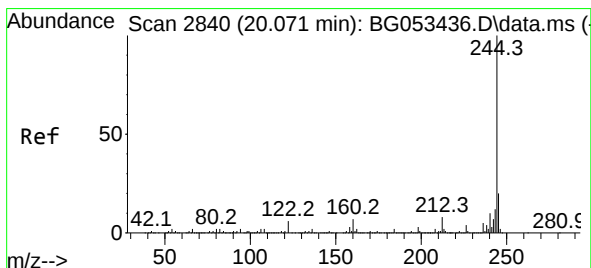
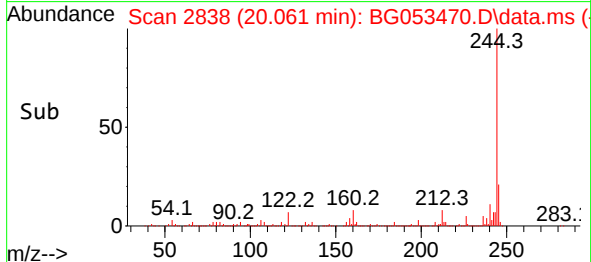
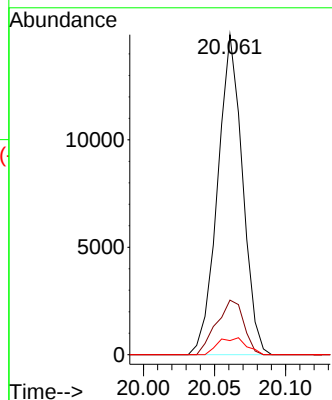
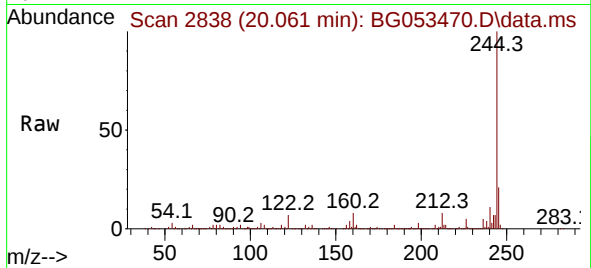




#77
Benzidine
Concen: 3.698 ng
RT: 20.061 min Scan# 21
Delta R.T. 0.372 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

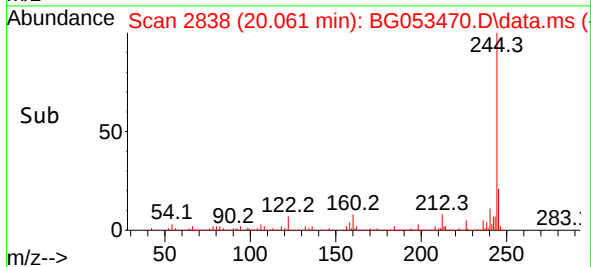
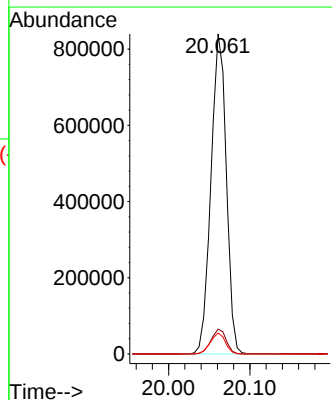
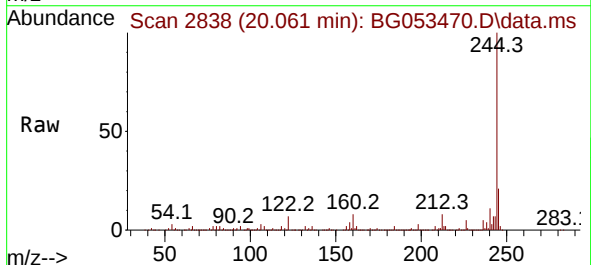
Instrument :
BNA_G
ClientSampleId :
PB144601BL

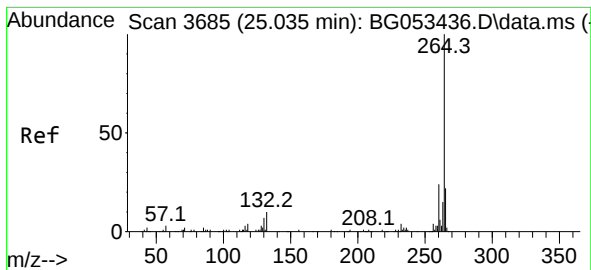
Tgt Ion:184 Resp: 18112
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 4.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 90.163 ng
RT: 20.061 min Scan# 2838
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:244 Resp: 1100169
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 6.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.019 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: BG053470.D
 Acq: 6 May 2022 10:51

Instrument :
 BNA_G
 ClientSampleId :
 PB144601BL

Tgt Ion:264 Resp: 223739
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 22.3 17.4 26.2

