

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053620.D
 Acq On : 19 May 2022 1:57
 Operator : CG/JU
 Sample : N2906-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CDF-3

Quant Time: May 19 05:13:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

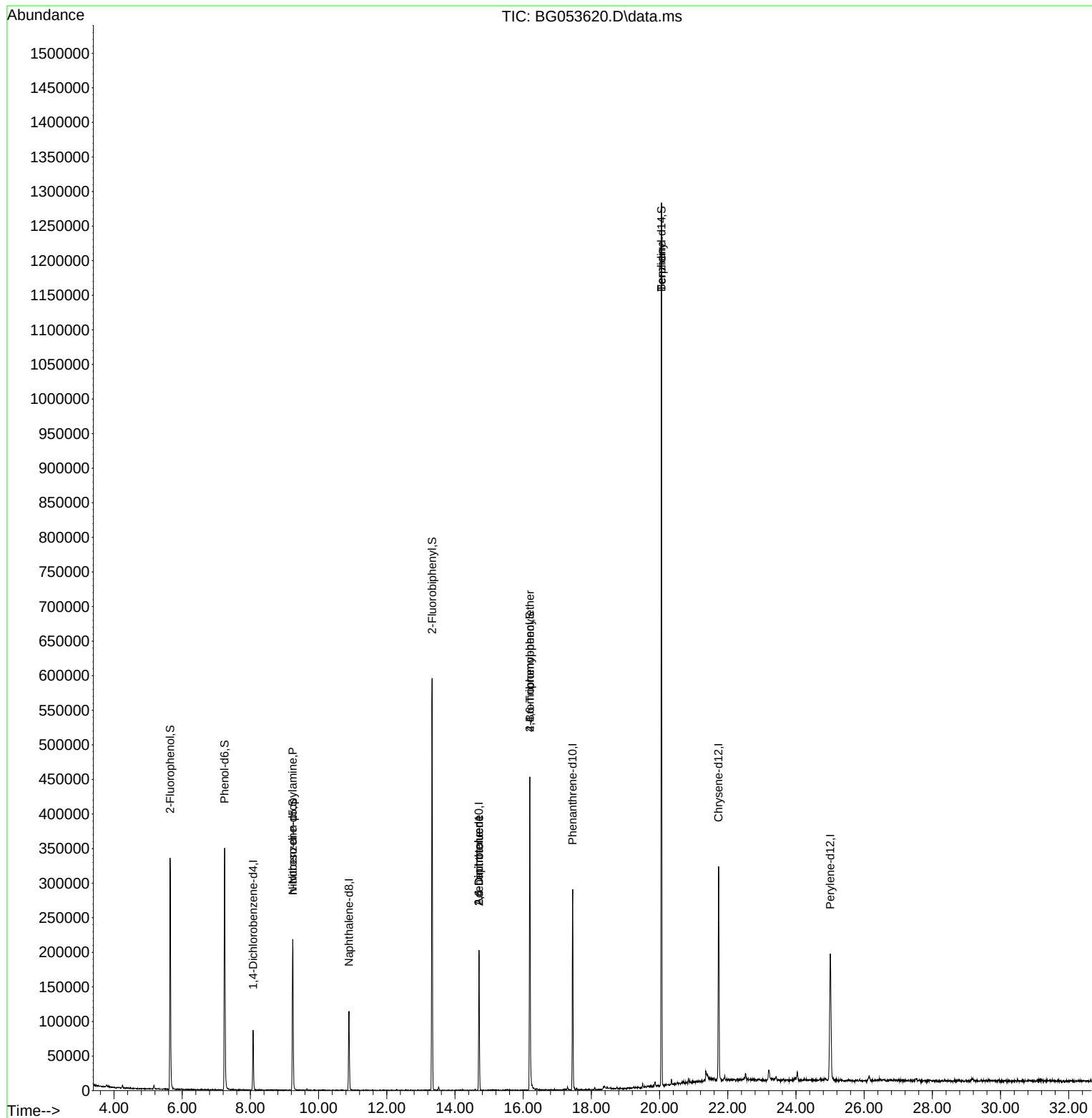
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	24277	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	95029	20.000	ng	# 0.00
39) Acenaphthene-d10	14.702	164	72172	20.000	ng	-0.01
64) Phenanthrene-d10	17.452	188	186525	20.000	ng	0.00
76) Chrysene-d12	21.728	240	201984	20.000	ng	-0.01
86) Perylene-d12	25.006	264	206957	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	138713	96.970	ng	0.00
7) Phenol-d6	7.242	99	206650	95.188	ng	0.00
23) Nitrobenzene-d5	9.239	82	143725	64.382	ng	-0.01
42) 2,4,6-Tribromophenol	16.195	330	96938	91.068	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	312910	63.355	ng	0.00
79) Terphenyl-d14	20.054	244	636214	58.665	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.239	70	19716	12.658	ng	# 77
51) 2,6-Dinitrotoluene	14.702	165	9481	8.485	ng	# 18
57) 2,4-Dinitrotoluene	14.702	165	9481	5.854	ng	# 24
67) 4-Bromophenyl-phenylether	16.195	248	6491	2.980	ng	# 1
77) Benzidine	20.054	184	11366	2.611	ng	# 96

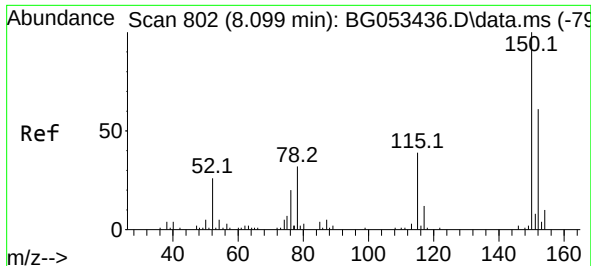
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
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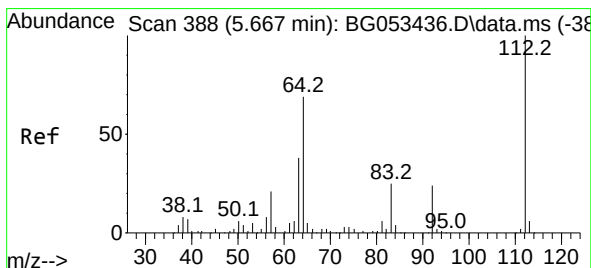
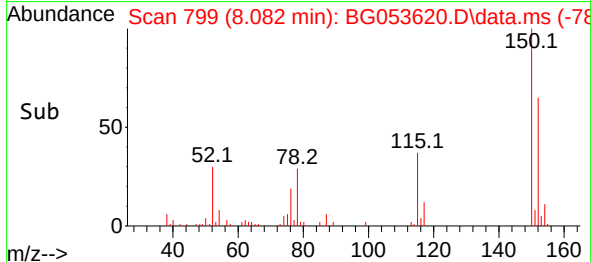
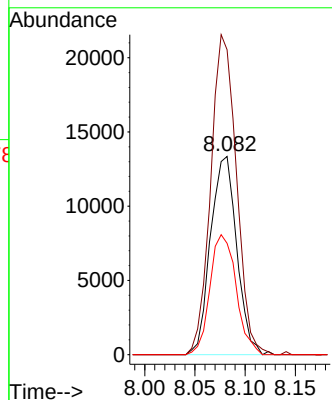
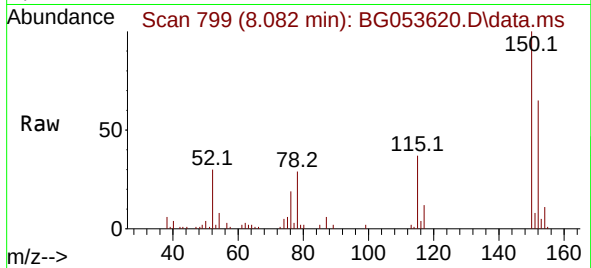




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 799
Delta R.T. -0.007 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

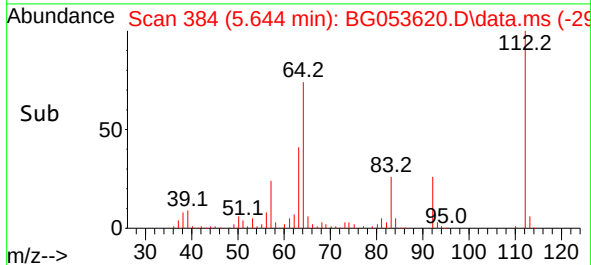
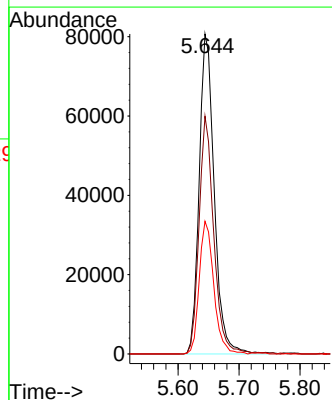
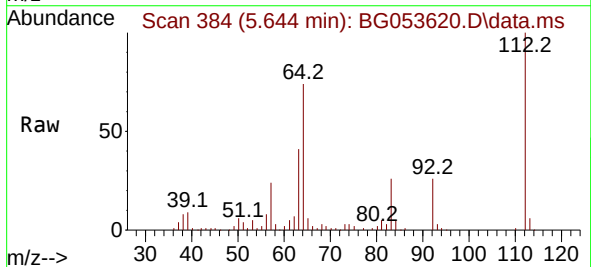
Instrument :
BNA_G
ClientSampleId :
CDF-3

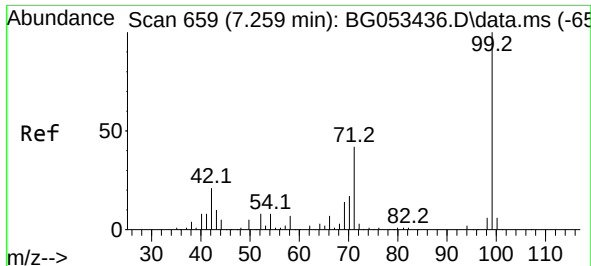
Tgt Ion:152 Resp: 24277
Ion Ratio Lower Upper
152 100
150 153.8 131.6 197.4
115 56.2 50.9 76.3



#5
2-Fluorophenol
Concen: 96.970 ng
RT: 5.644 min Scan# 384
Delta R.T. -0.007 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

Tgt Ion:112 Resp: 138713
Ion Ratio Lower Upper
112 100
64 74.3 55.1 82.7
63 41.4 30.4 45.6

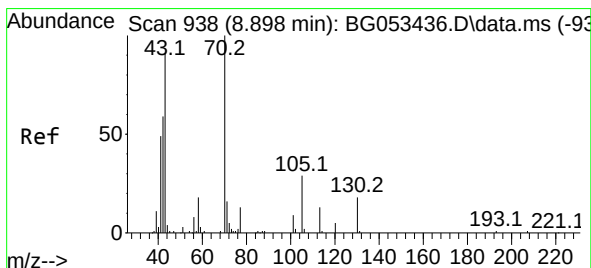
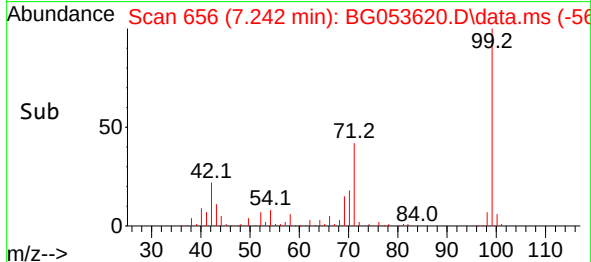
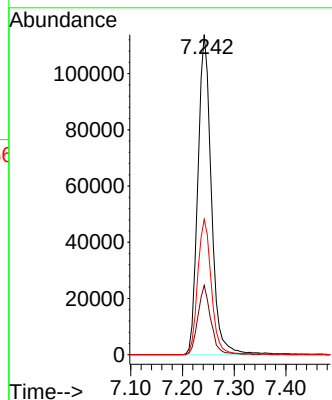
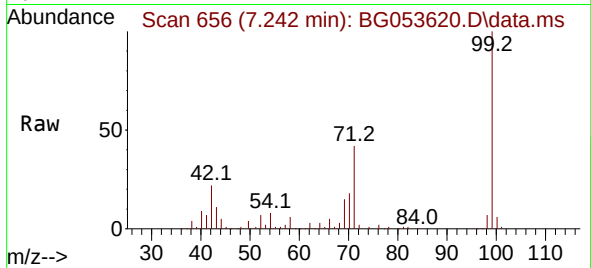




#7
Phenol-d6
Concen: 95.188 ng
RT: 7.242 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

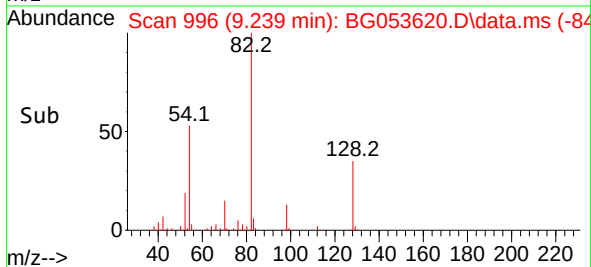
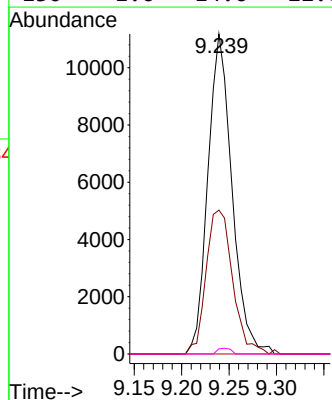
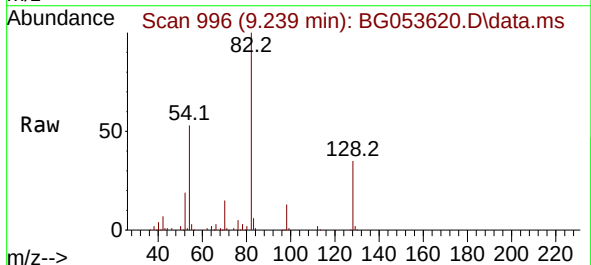
Instrument :
BNA_G
ClientSampleId :
CDF-3

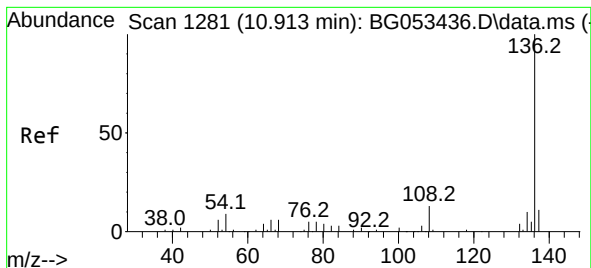
Tgt Ion: 99 Resp: 206650
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 42.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.658 ng
RT: 9.239 min Scan# 996
Delta R.T. 0.351 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

Tgt Ion: 70 Resp: 19716
Ion Ratio Lower Upper
70 100
42 44.9 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.890 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG053620.D

Acq: 19 May 2022 1:57

Instrument :

BNA_G

ClientSampleId :

CDF-3

Tgt Ion:136 Resp: 95029

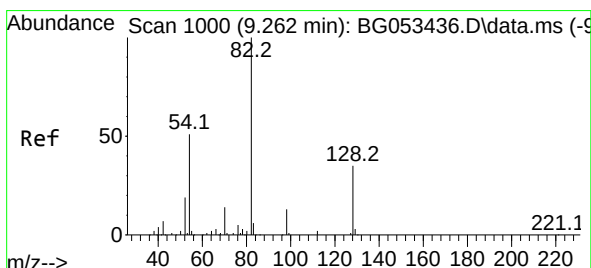
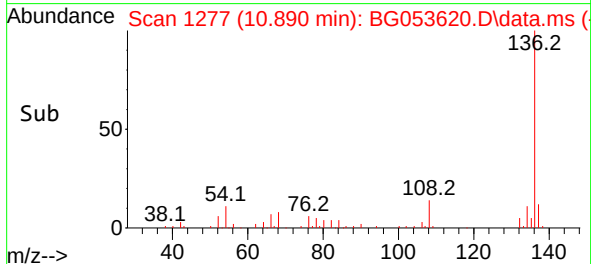
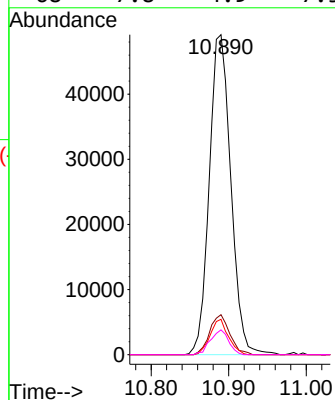
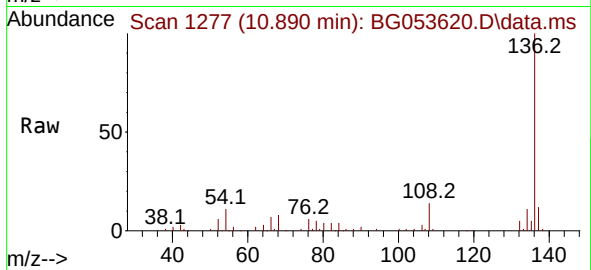
Ion Ratio Lower Upper

136 100

137 12.5 8.5 12.7

54 11.0 7.4 11.2

68 7.8 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 64.382 ng

RT: 9.239 min Scan# 996

Delta R.T. -0.013 min

Lab File: BG053620.D

Acq: 19 May 2022 1:57

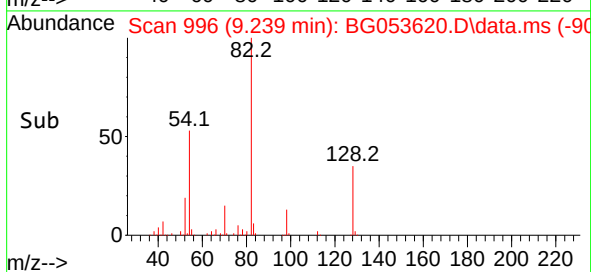
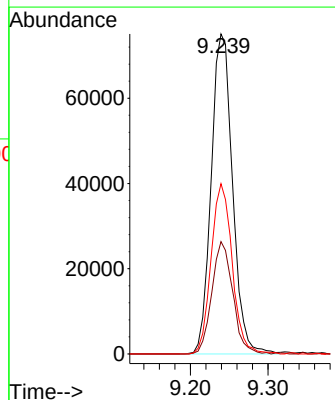
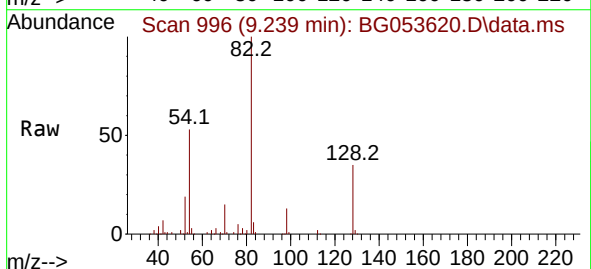
Tgt Ion: 82 Resp: 143725

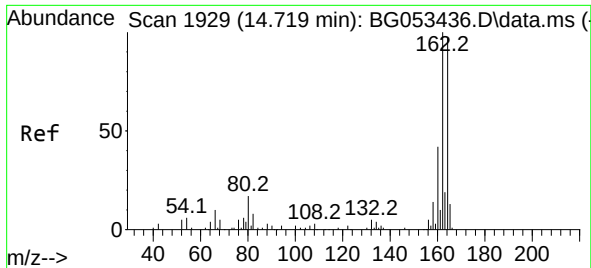
Ion Ratio Lower Upper

82 100

128 35.1 27.9 41.9

54 53.2 41.2 61.8

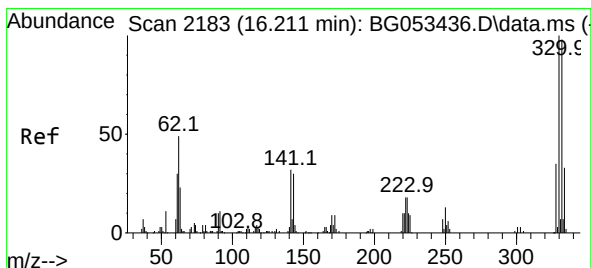
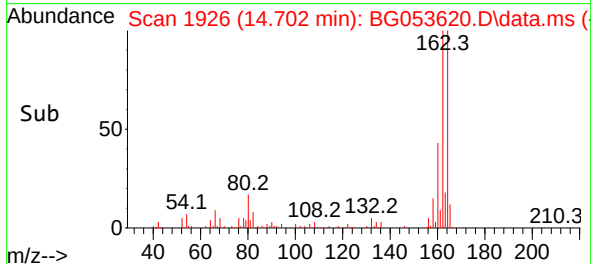
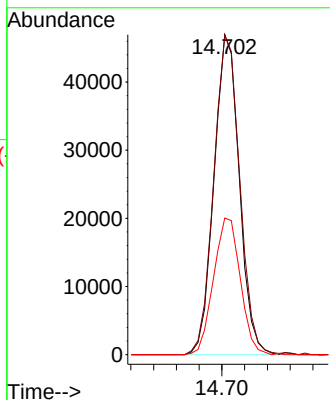
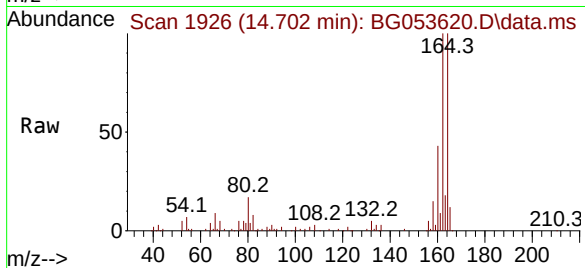




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 1929
Delta R.T. -0.013 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

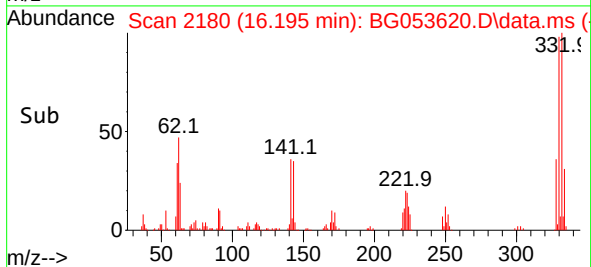
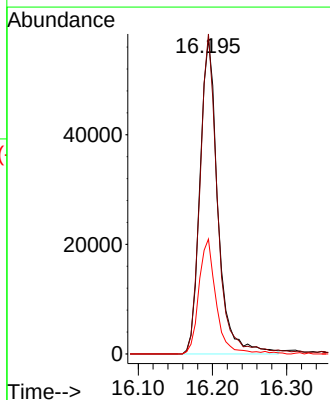
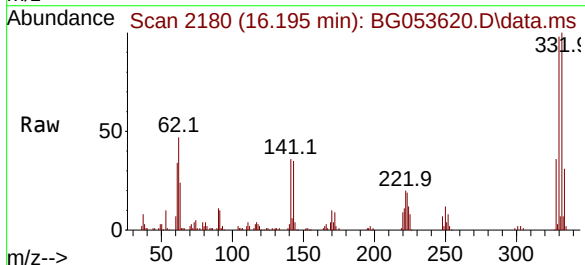
Instrument :
BNA_G
ClientSampleId :
CDF-3

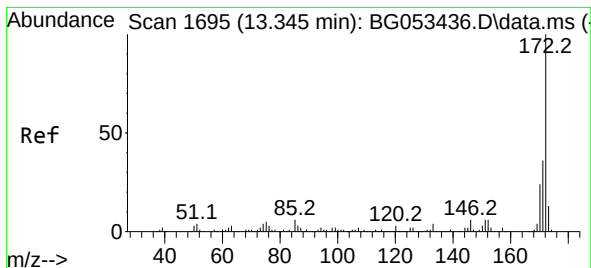
Tgt Ion:164 Resp: 72172
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 42.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 91.068 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

Tgt Ion:330 Resp: 96938
Ion Ratio Lower Upper
330 100
332 99.6 76.0 114.0
141 34.8 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 63.355 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG053620.D

Acq: 19 May 2022 1:57

Instrument :

BNA_G

ClientSampleId :

CDF-3

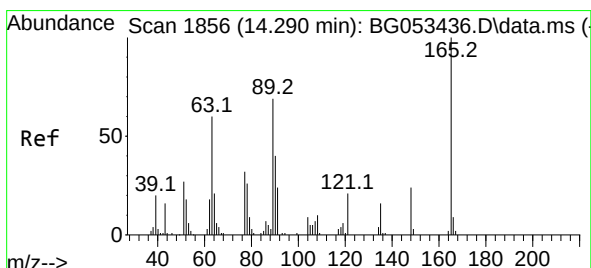
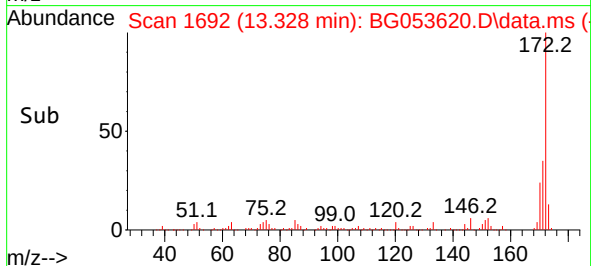
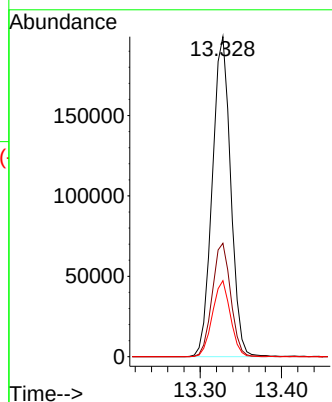
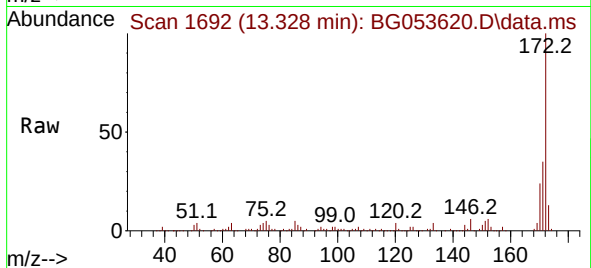
Tgt Ion:172 Resp: 312910

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.8 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.485 ng

RT: 14.702 min Scan# 1926

Delta R.T. 0.421 min

Lab File: BG053620.D

Acq: 19 May 2022 1:57

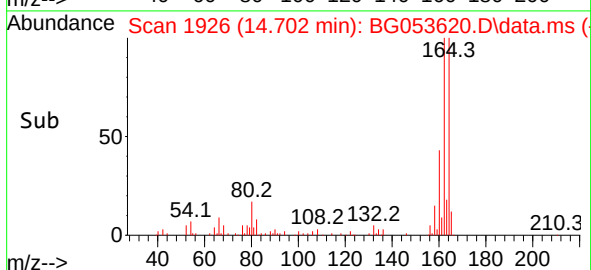
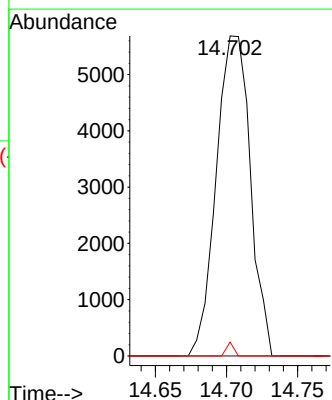
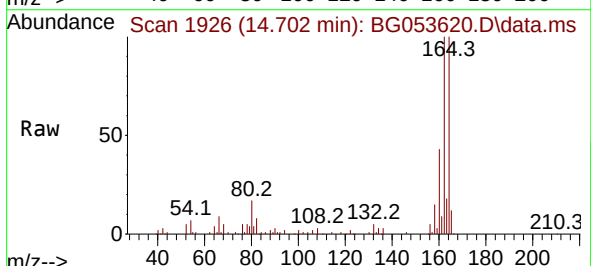
Tgt Ion:165 Resp: 9481

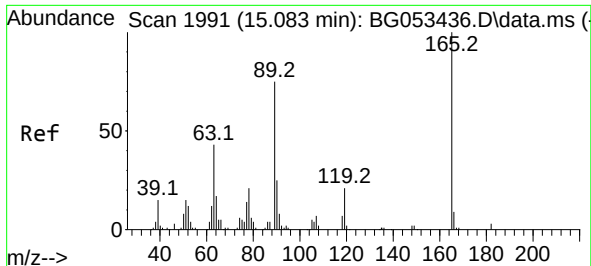
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 4.3 54.8 82.2#

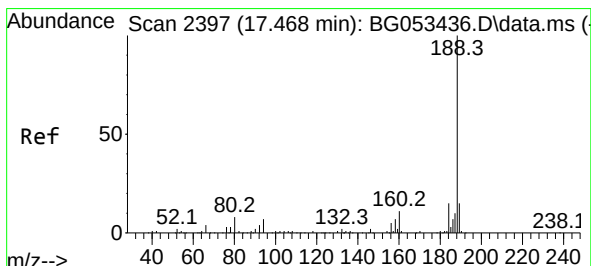
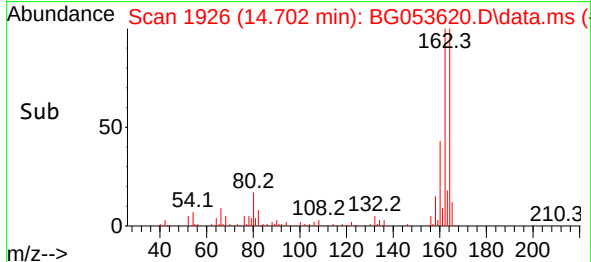
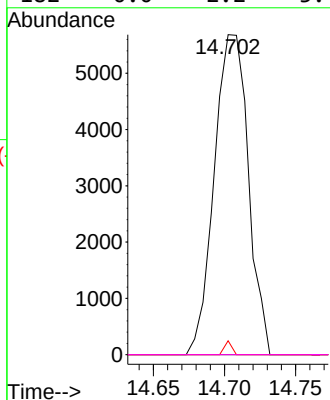
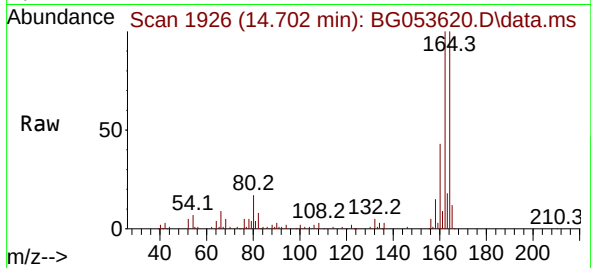




#57
2,4-Dinitrotoluene
Concen: 5.854 ng
RT: 14.702 min Scan# 1926
Delta R.T. -0.372 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

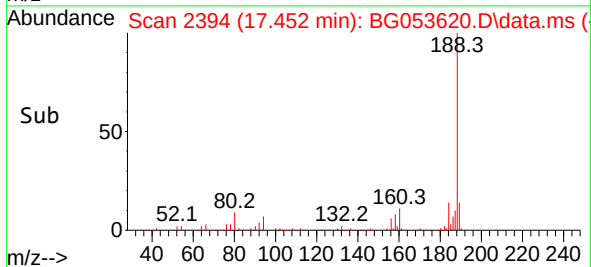
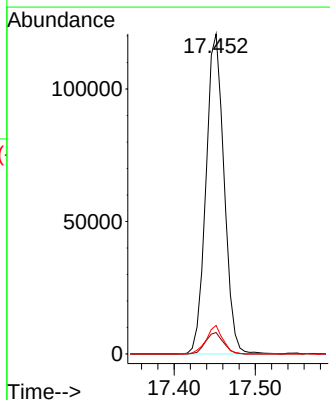
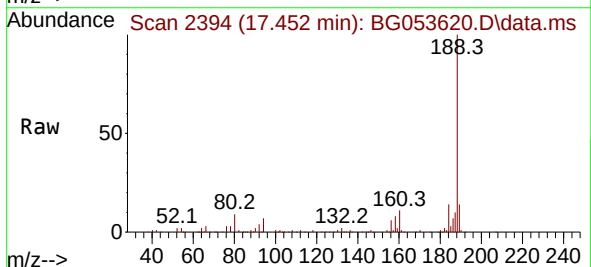
Instrument :
BNA_G
ClientSampleId :
CDF-3

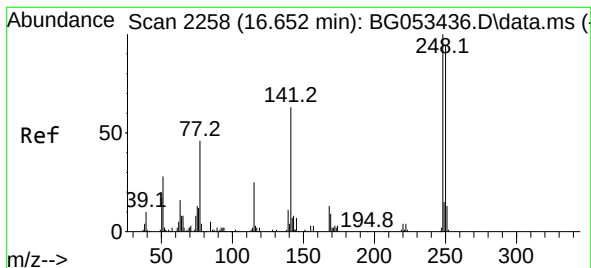
Tgt Ion:165 Resp: 9481
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 4.3 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.452 min Scan# 2394
Delta R.T. -0.007 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

Tgt Ion:188 Resp: 186525
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.9 6.8 10.2

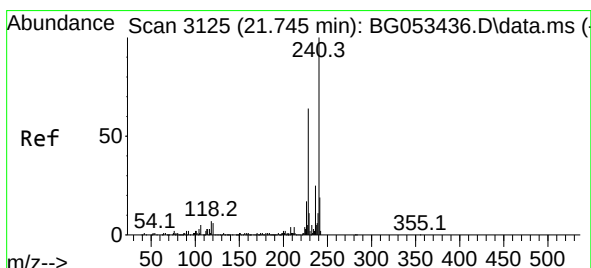
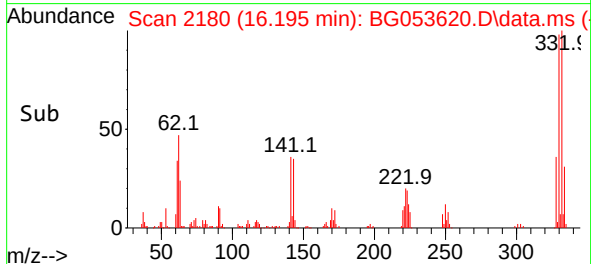
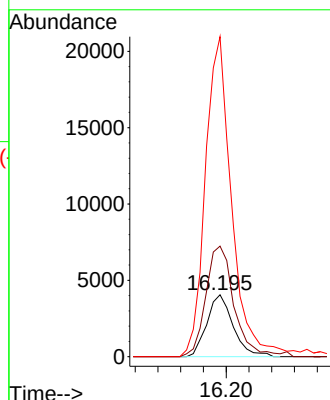
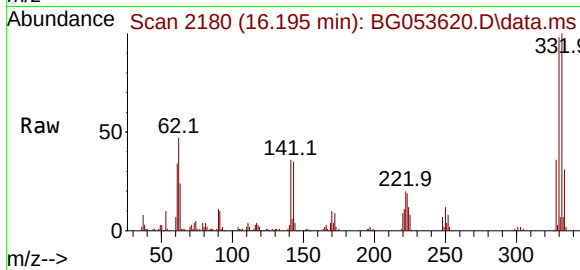




#67
4-Bromophenyl-phenylether
Concen: 2.980 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

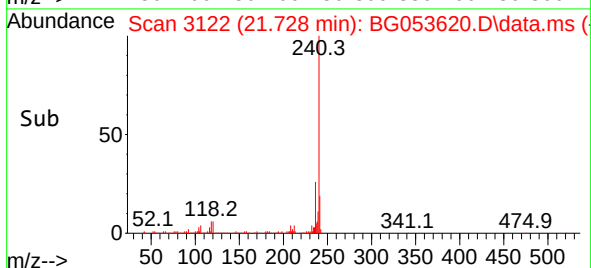
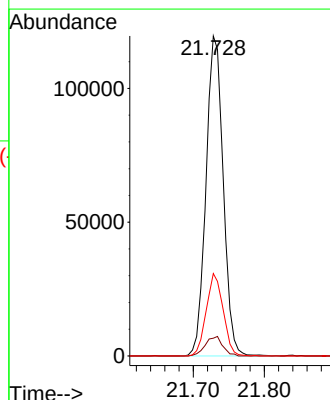
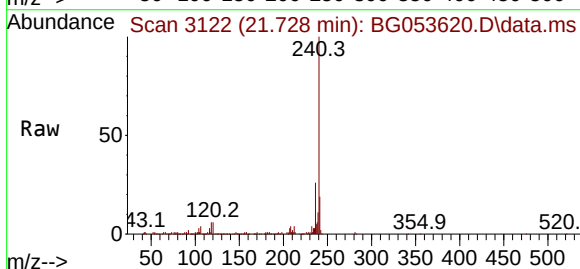
Instrument :
BNA_G
ClientSampleId :
CDF-3

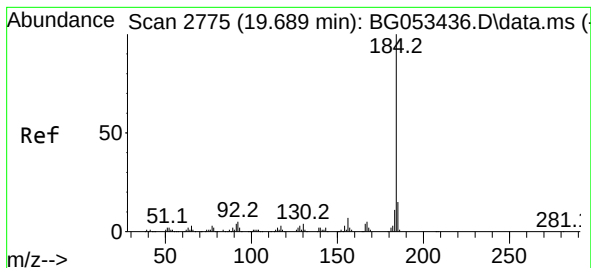
Tgt Ion:248 Resp: 6491
Ion Ratio Lower Upper
248 100
250 178.5 75.2 112.8#
141 516.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

Tgt Ion:240 Resp: 201984
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 25.7 20.2 30.4





#77

Benzidine

Concen: 2.611 ng

RT: 20.054 min Scan# 2837

Delta R.T. 0.374 min

Lab File: BG053620.D

Acq: 19 May 2022 1:57

Instrument :

BNA_G

ClientSampleId :

CDF-3

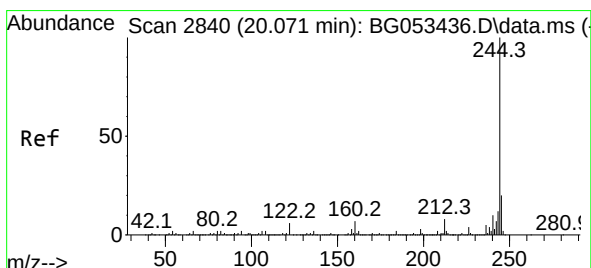
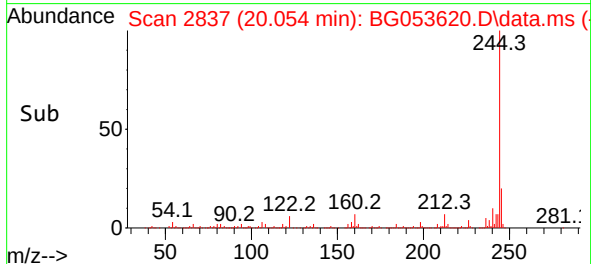
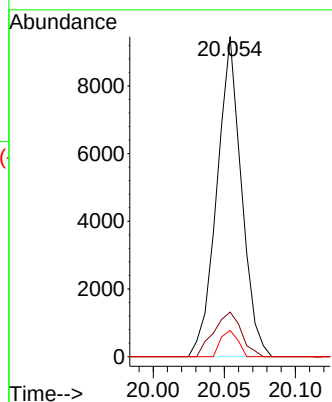
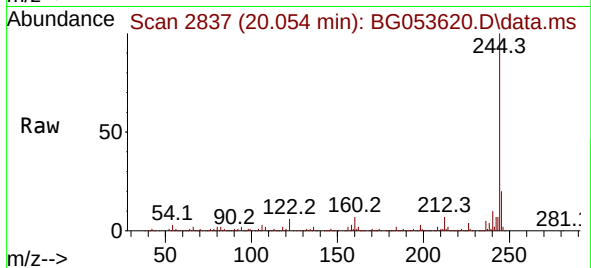
Tgt Ion:184 Resp: 11366

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

183 8.2 8.9 13.3#



#79

Terphenyl-d14

Concen: 58.665 ng

RT: 20.054 min Scan# 2837

Delta R.T. -0.007 min

Lab File: BG053620.D

Acq: 19 May 2022 1:57

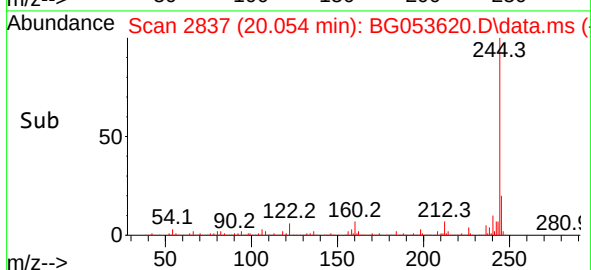
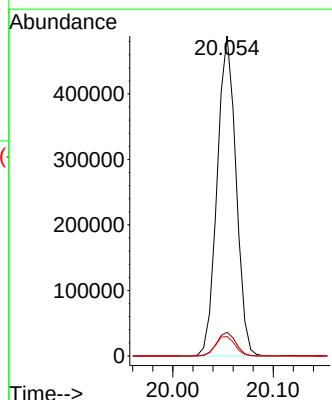
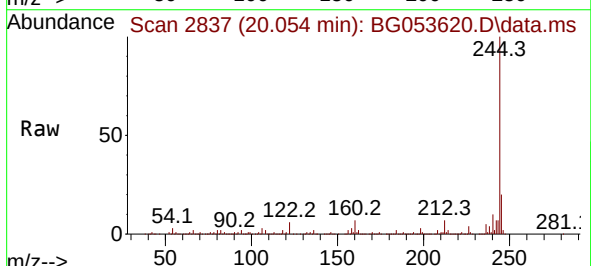
Tgt Ion:244 Resp: 636214

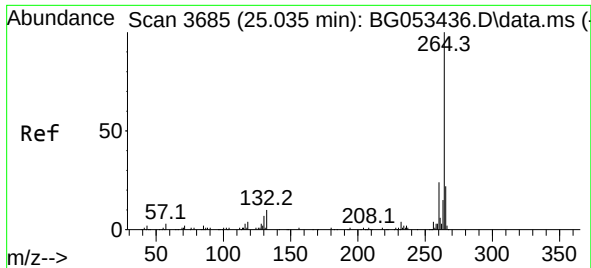
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 6.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG053620.D
Acq: 19 May 2022 1:57

Instrument :
BNA_G
ClientSampleId :
CDF-3

Tgt Ion:264 Resp: 206957

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.3	17.4	26.2

