

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053590.D
 Acq On : 17 May 2022 19:05
 Operator : CG/JU
 Sample : N2863-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS003-1824-01

Quant Time: May 18 03:14:31 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)

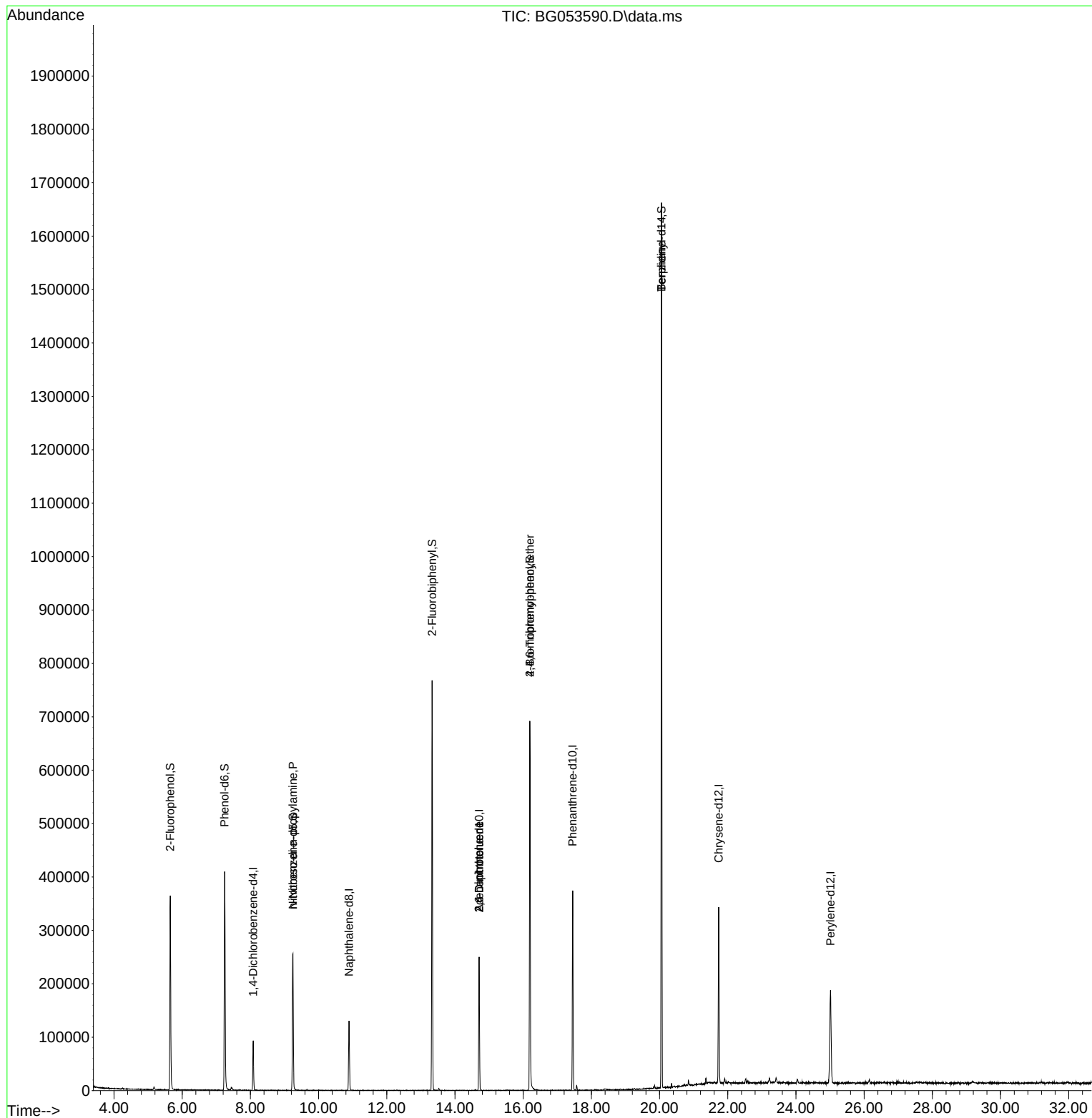
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	25023	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	107838	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	93551	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	249600	20.000	ng	0.00
76) Chrysene-d12	21.734	240	215295	20.000	ng	0.00
86) Perylene-d12	25.012	264	193952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	159803	108.383	ng	0.00
7) Phenol-d6	7.242	99	245676	109.791	ng	0.00
23) Nitrobenzene-d5	9.245	82	174182	68.757	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	143800	104.220	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	398123	62.187	ng	0.00
79) Terphenyl-d14	20.054	244	846216	73.204	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	25270	15.740	ng	# 83
51) 2,6-Dinitrotoluene	14.708	165	12243	8.453	ng	# 16
57) 2,4-Dinitrotoluene	14.708	165	12243	5.832	ng	# 21
67) 4-Bromophenyl-phenylether	16.195	248	9460	3.245	ng	# 1
77) Benzidine	20.054	184	14131	3.045	ng	# 87

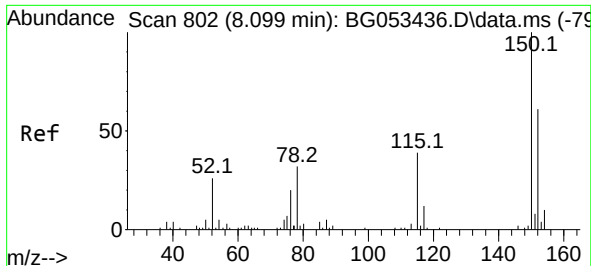
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
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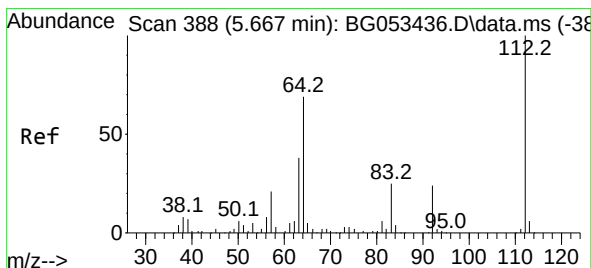
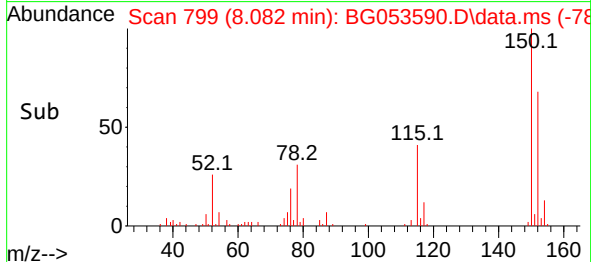
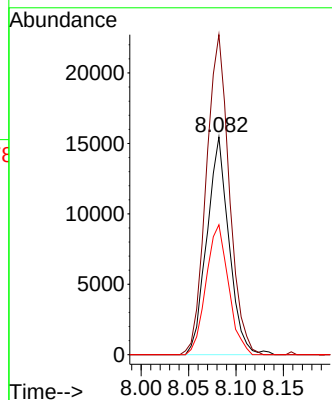
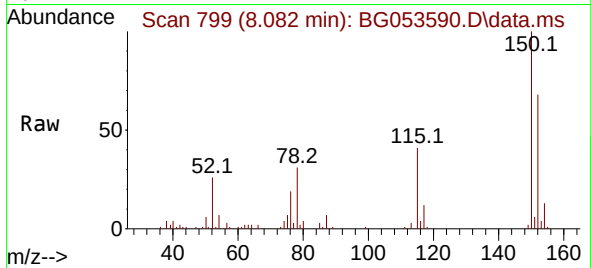




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 799
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

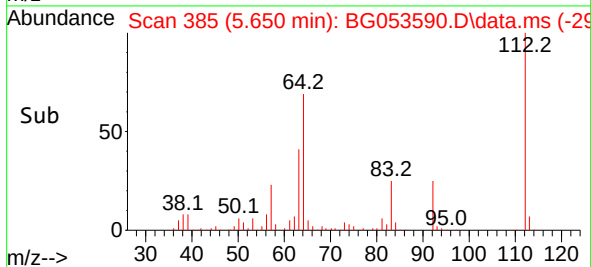
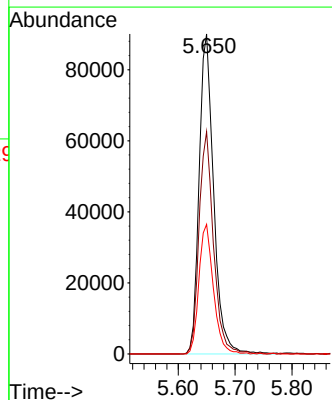
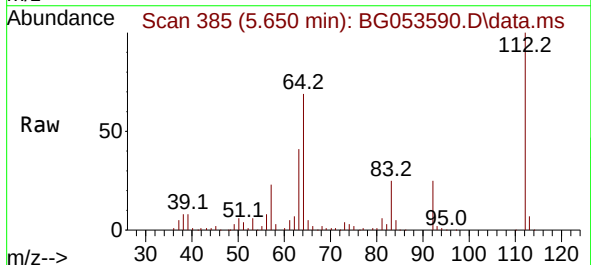
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1824-01

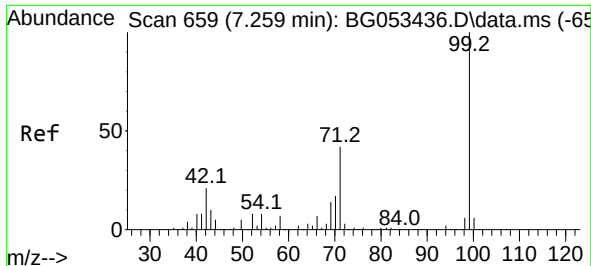
Tgt Ion:152 Resp: 25023
Ion Ratio Lower Upper
152 100
150 147.0 131.6 197.4
115 59.7 50.9 76.3



#5
2-Fluorophenol
Concen: 108.383 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

Tgt Ion:112 Resp: 159803
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 40.5 30.4 45.6

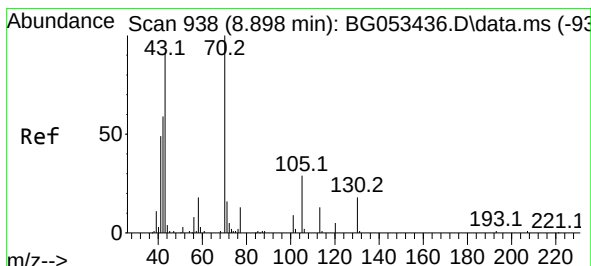
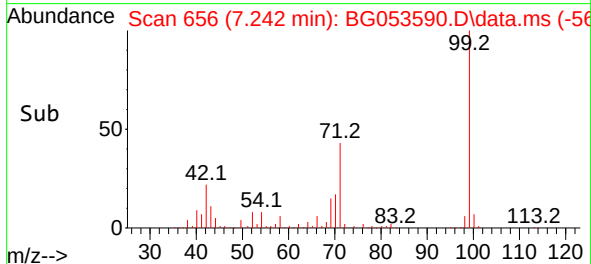
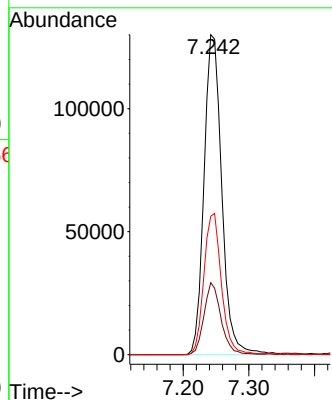
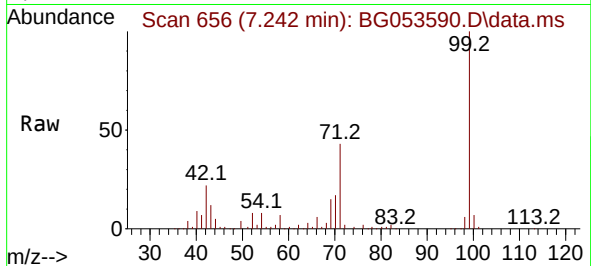




#7
Phenol-d6
Concen: 109.791 ng
RT: 7.242 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

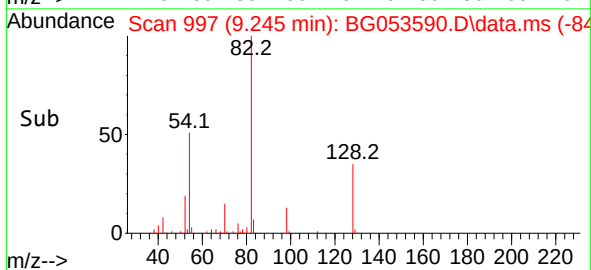
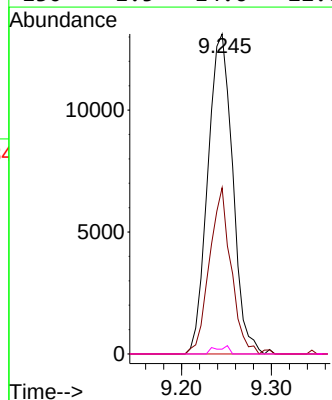
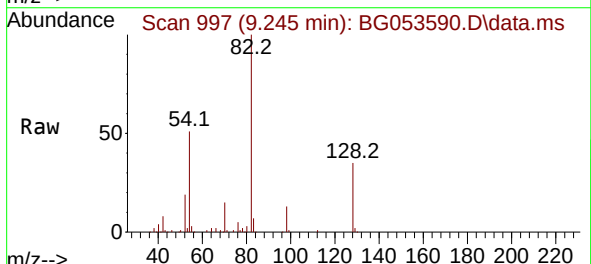
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1824-01

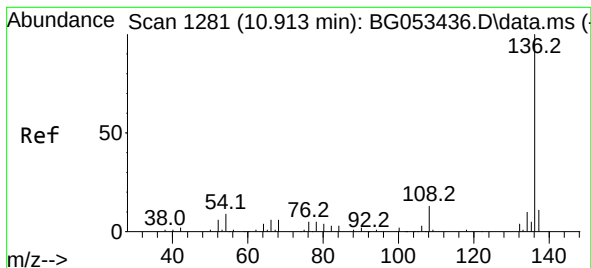
Tgt Ion: 99 Resp: 245676
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.6
71 43.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.740 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.357 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

Tgt Ion: 70 Resp: 25270
Ion Ratio Lower Upper
70 100
42 51.9 47.3 70.9
101 0.0 7.0 10.4#
130 1.5 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: BG053590.D

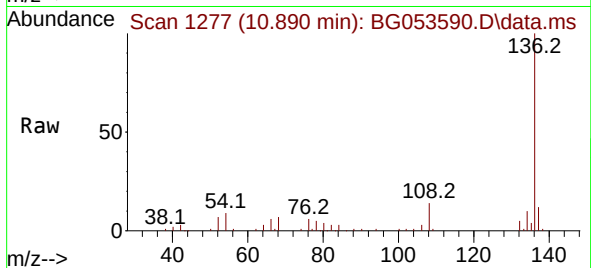
Acq: 17 May 2022 19:05

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1824-01



Tgt Ion:136 Resp: 107838

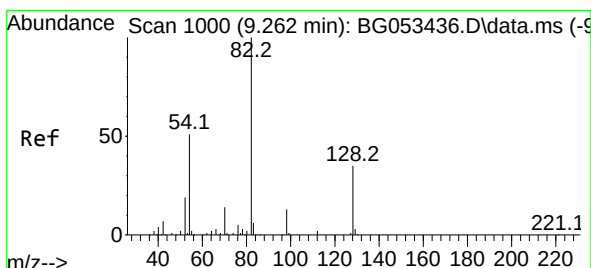
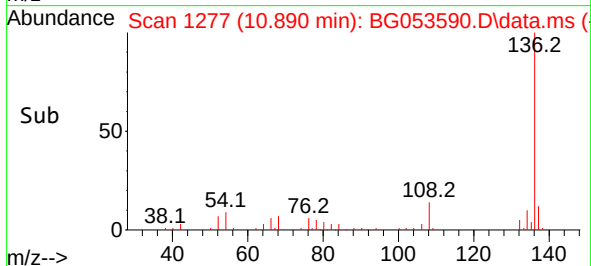
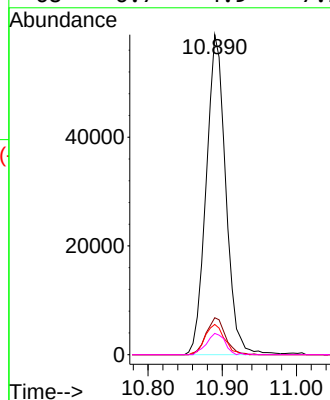
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 9.4 7.4 11.2

68 6.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 68.757 ng

RT: 9.245 min Scan# 997

Delta R.T. -0.007 min

Lab File: BG053590.D

Acq: 17 May 2022 19:05

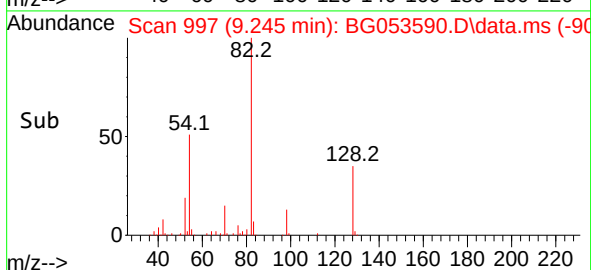
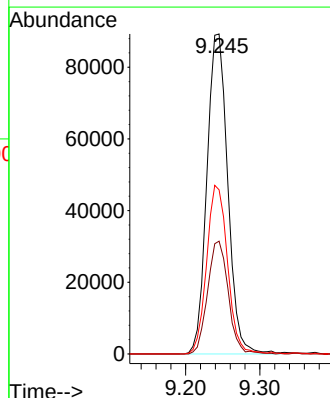
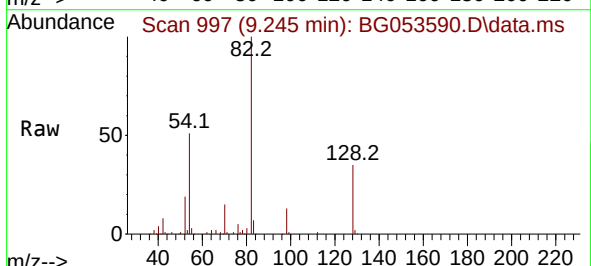
Tgt Ion: 82 Resp: 174182

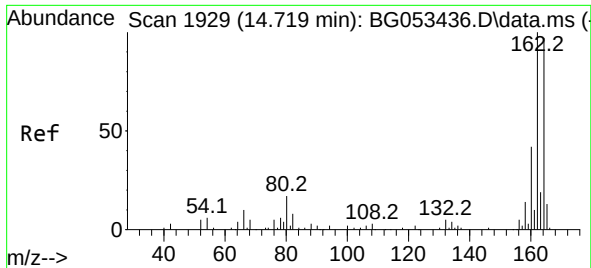
Ion Ratio Lower Upper

82 100

128 35.3 27.9 41.9

54 51.3 41.2 61.8

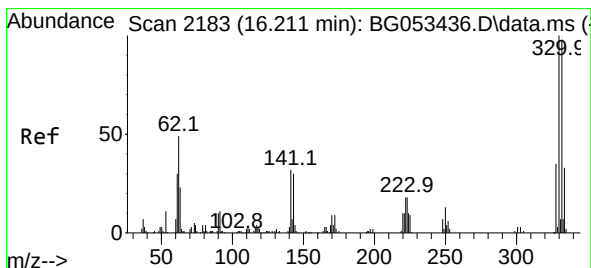
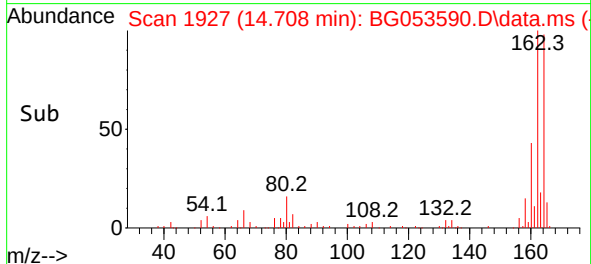
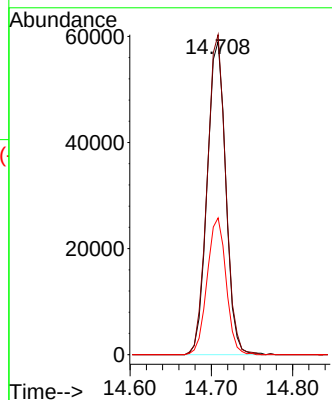
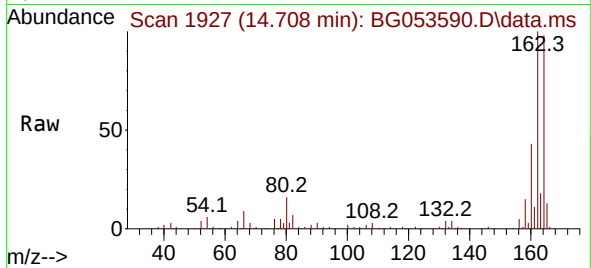




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

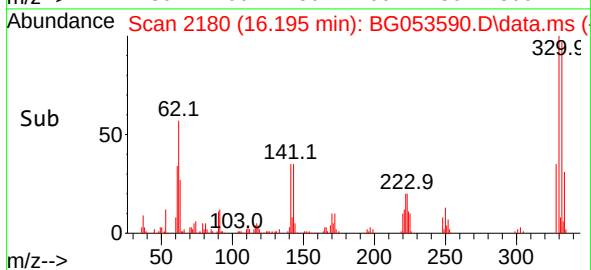
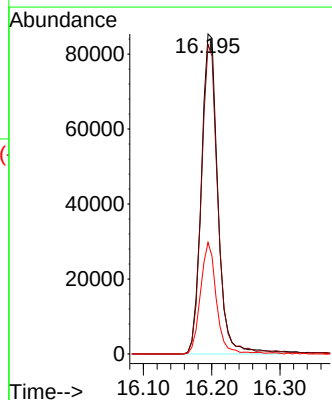
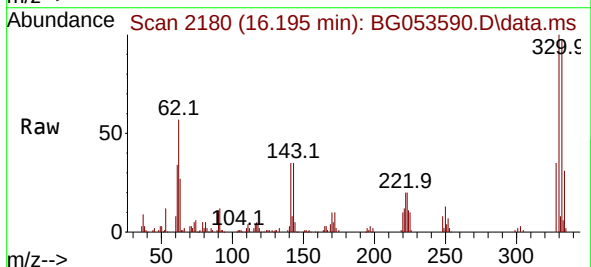
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1824-01

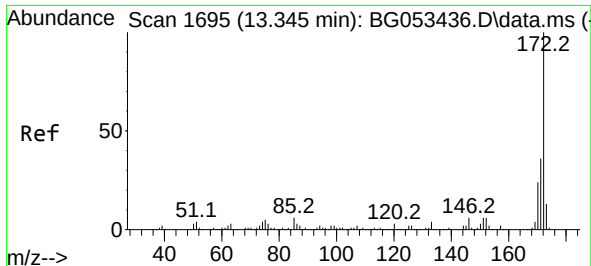
Tgt Ion:164 Resp: 93551
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 43.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 104.220 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

Tgt Ion:330 Resp: 143800
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 33.5 27.1 40.7

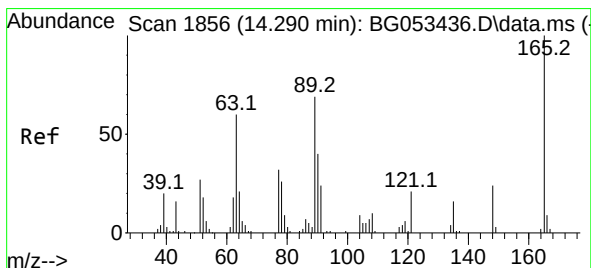
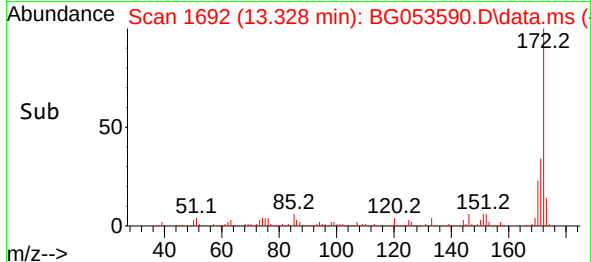
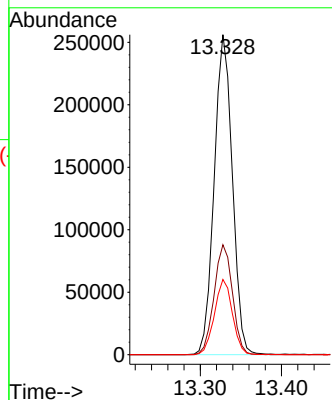
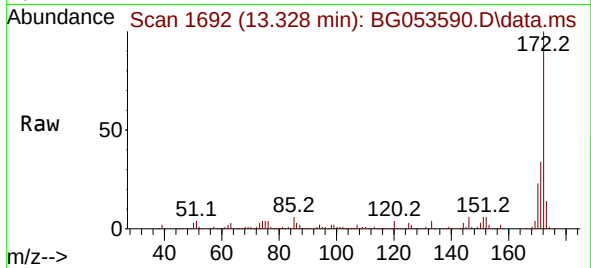




#45
2-Fluorobiphenyl
Concen: 62.187 ng
RT: 13.328 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

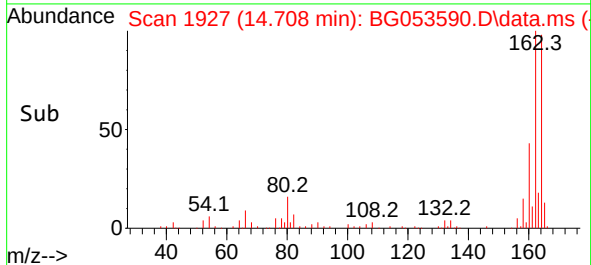
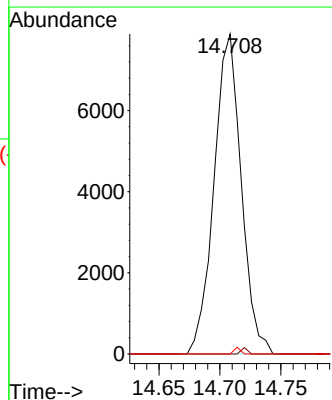
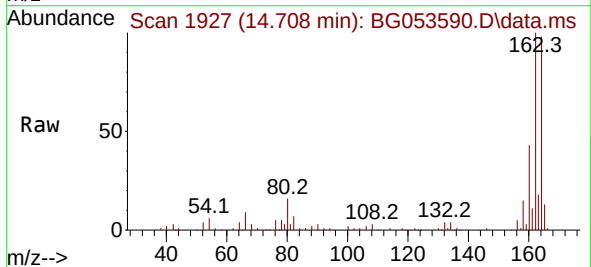
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1824-01

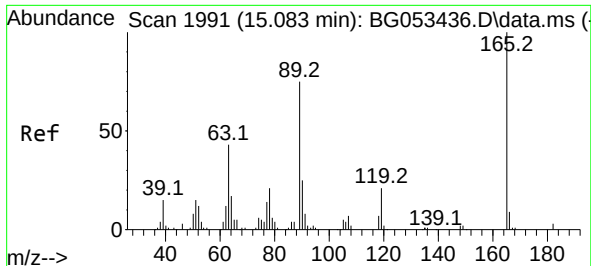
Tgt Ion:172 Resp: 398123
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 23.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.453 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.427 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

Tgt Ion:165 Resp: 12243
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: 5.832 ng

RT: 14.708 min Scan# 1991

Delta R.T. -0.366 min

Lab File: BG053590.D

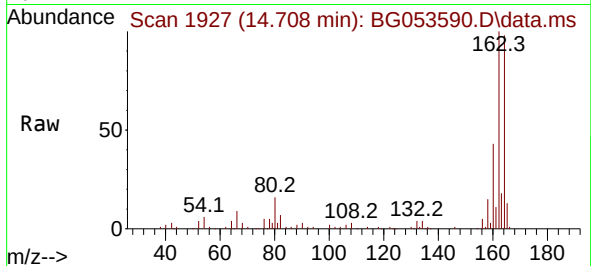
Acq: 17 May 2022 19:05

Instrument :

BNA_G

ClientSampleId :

P003-SS003-1824-01



Tgt Ion:165 Resp: 12243

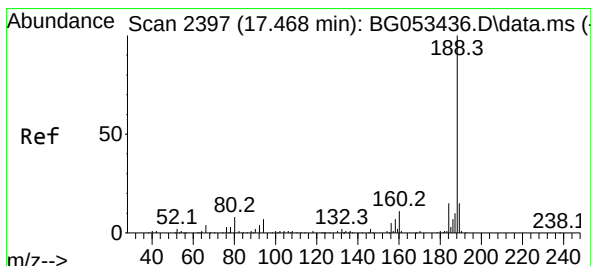
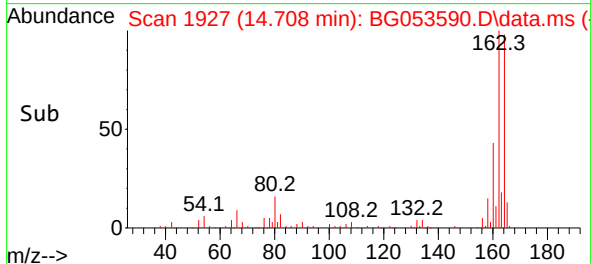
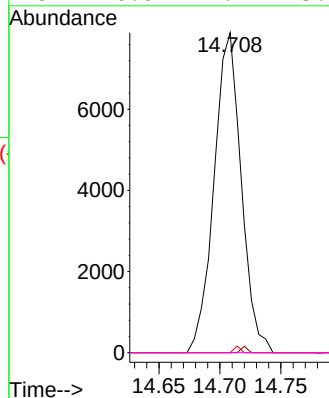
Ion Ratio Lower Upper

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: 17.452 min Scan# 2394

Delta R.T. -0.007 min

Lab File: BG053590.D

Acq: 17 May 2022 19:05

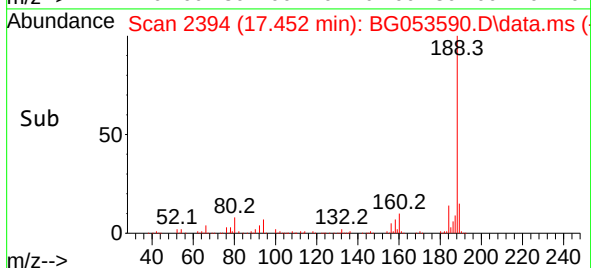
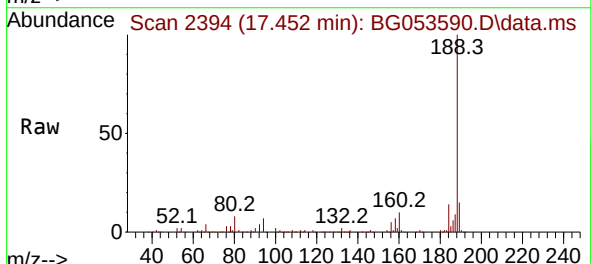
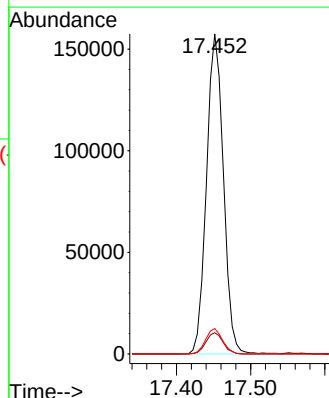
Tgt Ion:188 Resp: 249600

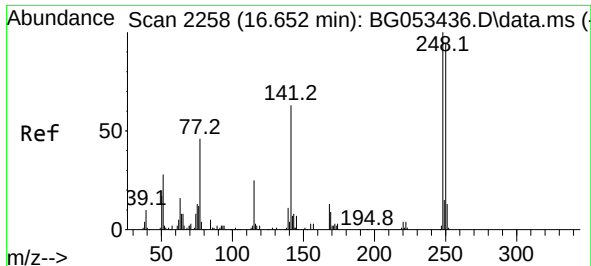
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 7.9 6.8 10.2

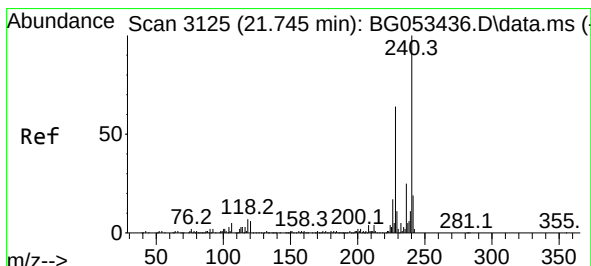
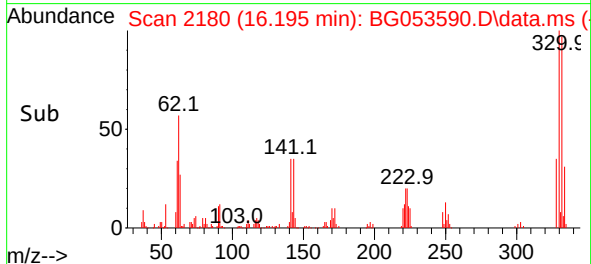
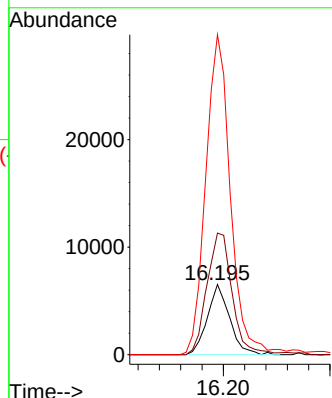
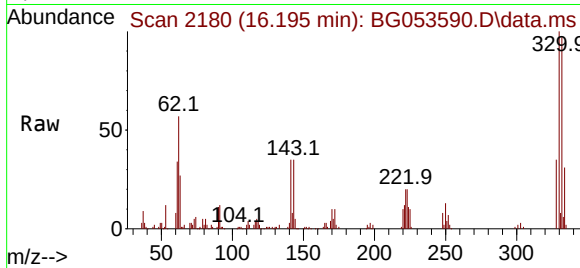




#67
4-Bromophenyl-phenylether
Concen: 3.245 ng
RT: 16.195 min Scan# 211
Delta R.T. -0.448 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

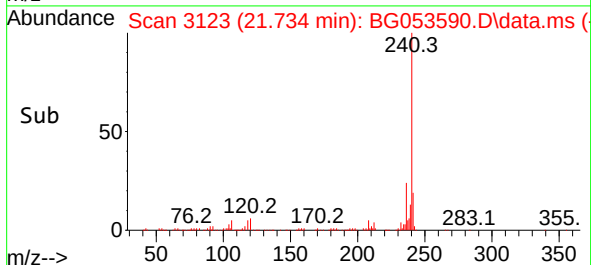
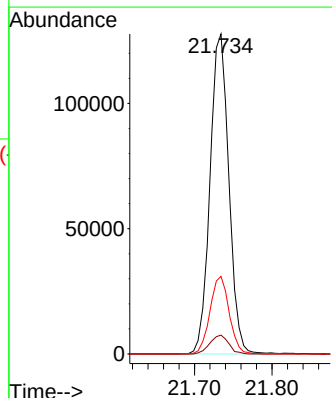
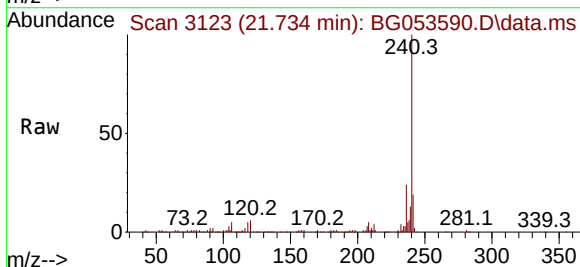
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1824-01

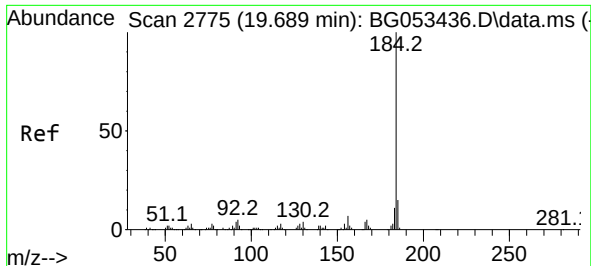
Tgt Ion:248 Resp: 9460
Ion Ratio Lower Upper
248 100
250 173.4 75.2 112.8#
141 456.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

Tgt Ion:240 Resp: 215295
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.2 20.2 30.4

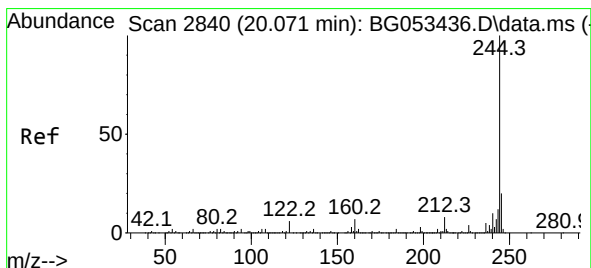
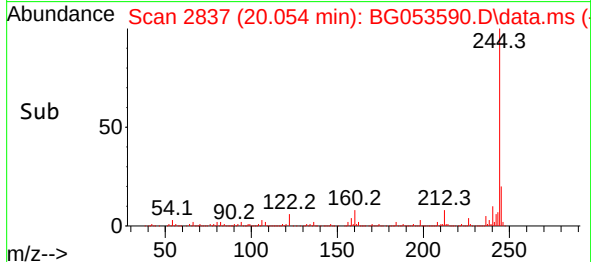
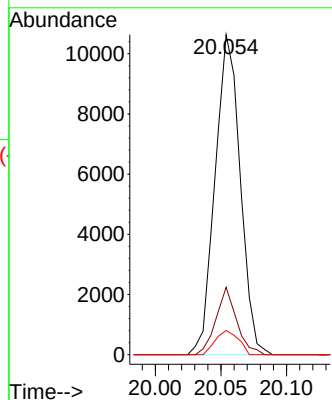
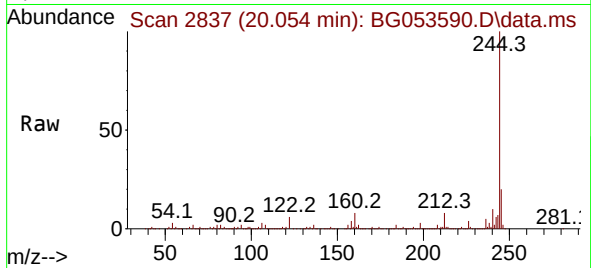




#77
Benzidine
Concen: 3.045 ng
RT: 20.054 min Scan# 2837
Delta R.T. 0.374 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

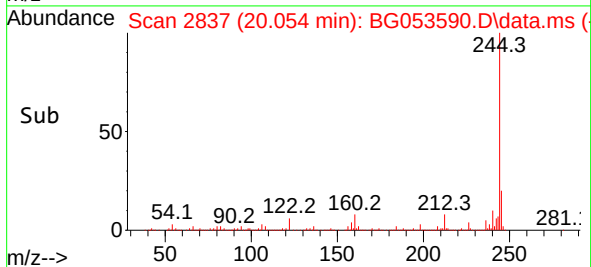
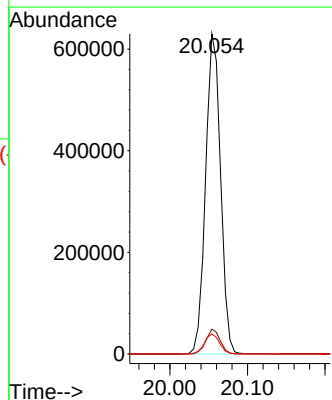
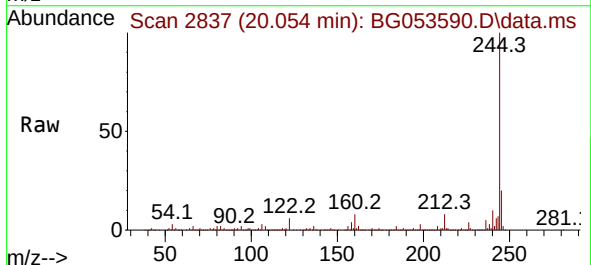
Instrument :
BNA_G
ClientSampleId :
P003-SS003-1824-01

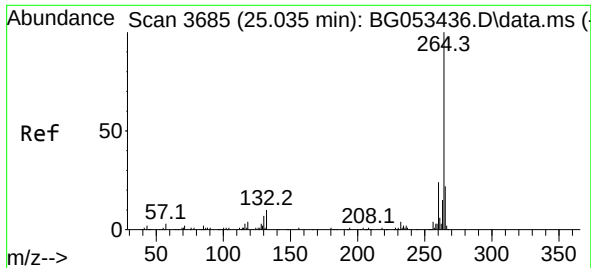
Tgt Ion:184 Resp: 14131
Ion Ratio Lower Upper
184 100
185 21.1 11.8 17.6#
183 7.5 8.9 13.3#



#79
Terphenyl-d14
Concen: 73.204 ng
RT: 20.054 min Scan# 2837
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

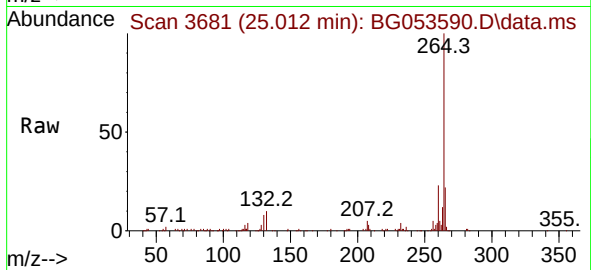
Tgt Ion:244 Resp: 846216
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 6.3 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG053590.D
Acq: 17 May 2022 19:05

Instrument :
BNA_G
ClientSampleId :
P003-SS003-1824-01



Tgt Ion:264	Resp:	193952
Ion	Ratio	Lower Upper
264	100	
260	22.7	19.0 28.6
265	21.5	17.4 26.2

