

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053592.D
 Acq On : 17 May 2022 20:23
 Operator : CG/JU
 Sample : N2863-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS003-0612-01

Quant Time: May 18 03:14:45 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)

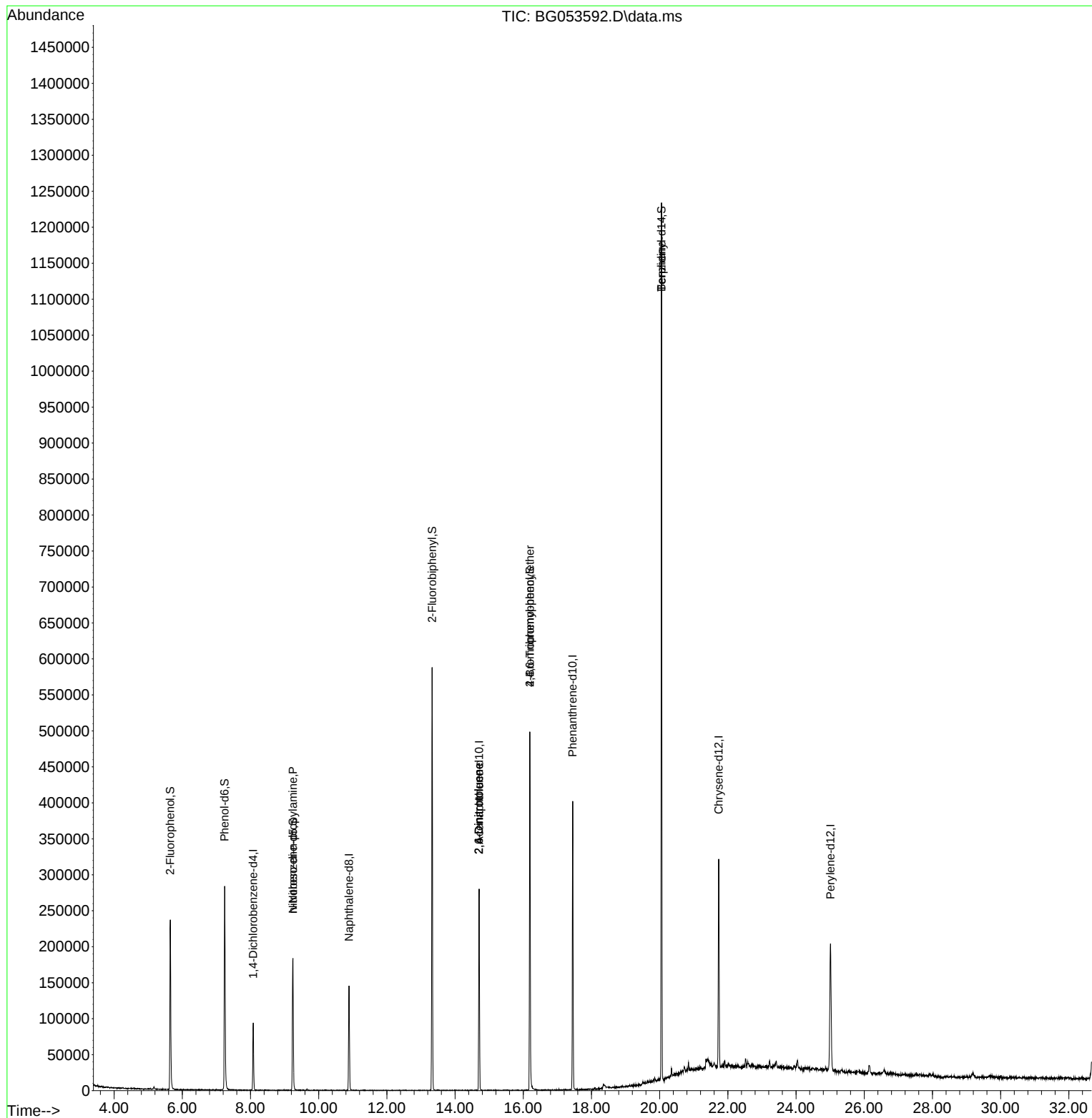
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	26318	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	119495	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	103562	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	255381	20.000	ng	0.00
76) Chrysene-d12	21.734	240	189943	20.000	ng	0.00
86) Perylene-d12	25.012	264	186538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	108850	70.193	ng	0.00
7) Phenol-d6	7.242	99	173857	73.872	ng	0.00
23) Nitrobenzene-d5	9.245	82	125827	44.824	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	101592	66.512	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	309253	43.636	ng	0.00
79) Terphenyl-d14	20.054	244	590104	57.862	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	17971	10.643	ng	# 79
51) 2,6-Dinitrotoluene	14.702	165	12767	7.963	ng	# 16
57) 2,4-Dinitrotoluene	14.702	165	12767	5.493	ng	# 21
67) 4-Bromophenyl-phenylether	16.194	248	6251	2.096	ng	# 1
77) Benzidine	20.054	184	10143	2.478	ng	# 90

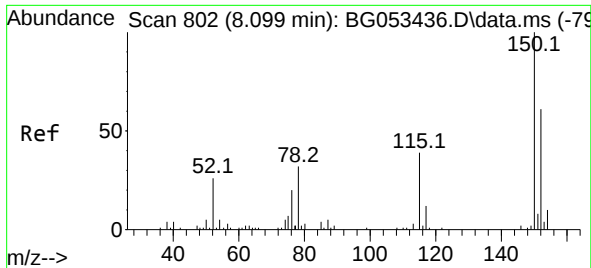
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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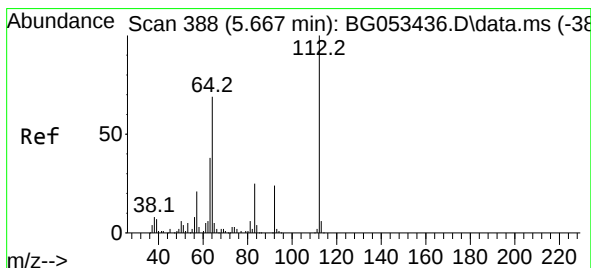
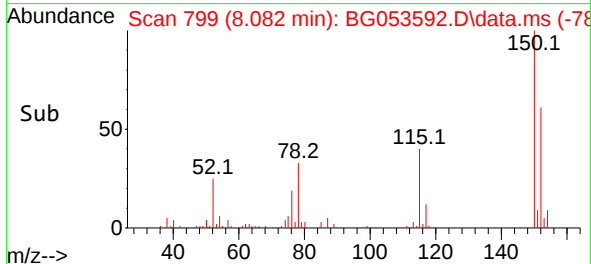
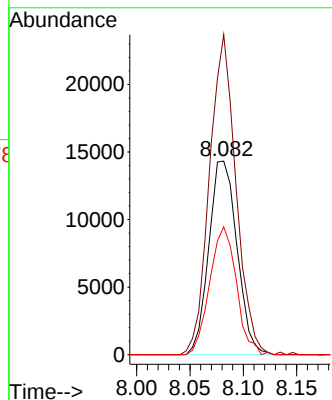
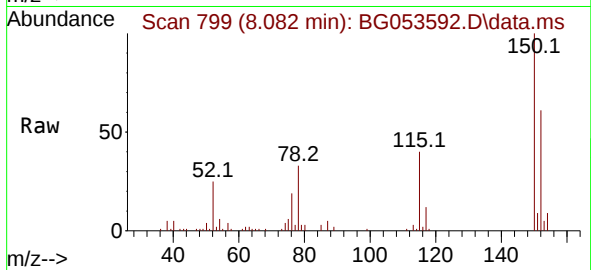




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 799
Delta R.T. -0.007 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

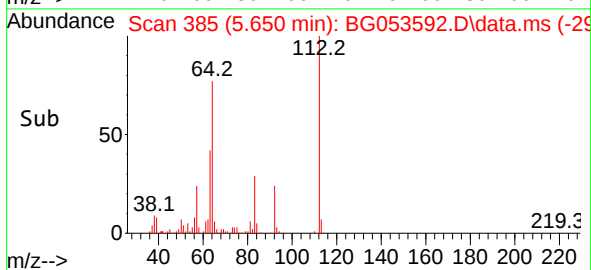
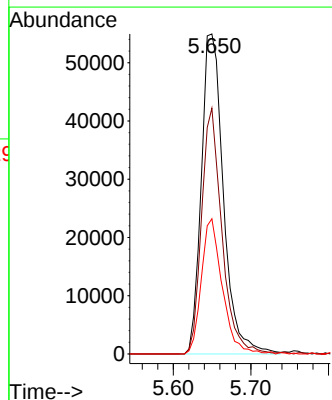
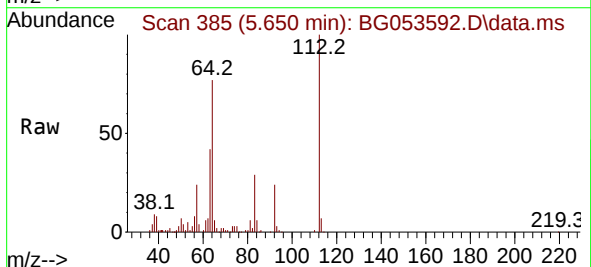
Instrument :
BNA_G
ClientSampleId :
P003-SS003-0612-01

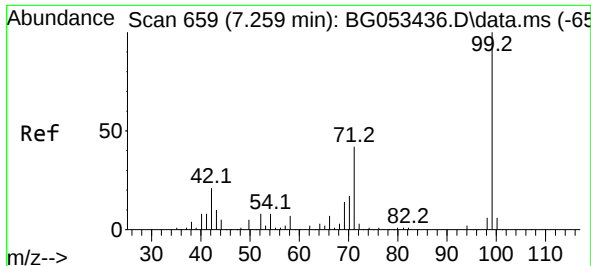
Tgt Ion:152 Resp: 26318
Ion Ratio Lower Upper
152 100
150 165.3 131.6 197.4
115 66.0 50.9 76.3



#5
2-Fluorophenol
Concen: 70.193 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

Tgt Ion:112 Resp: 108850
Ion Ratio Lower Upper
112 100
64 76.8 55.1 82.7
63 42.3 30.4 45.6

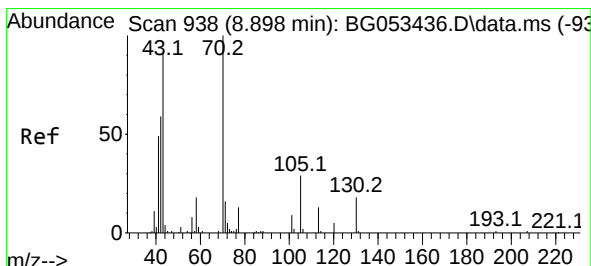
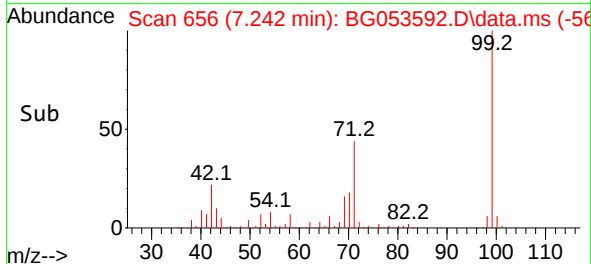
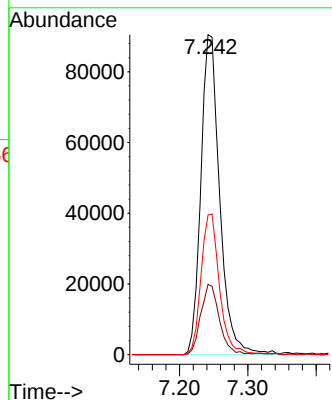
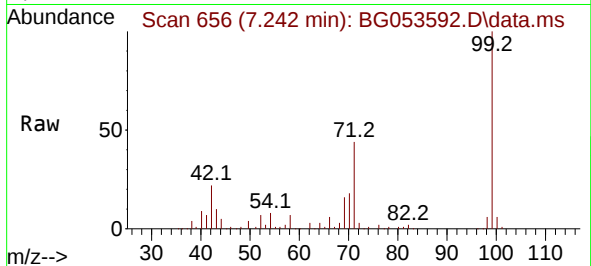




#7
Phenol-d6
Concen: 73.872 ng
RT: 7.242 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

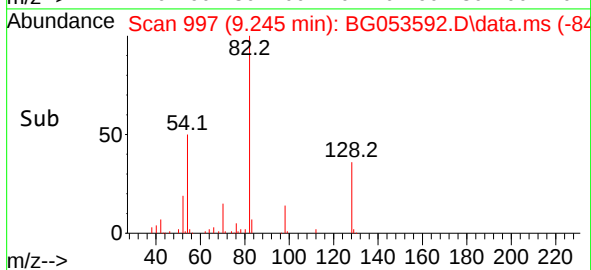
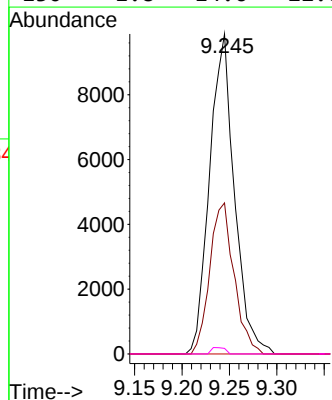
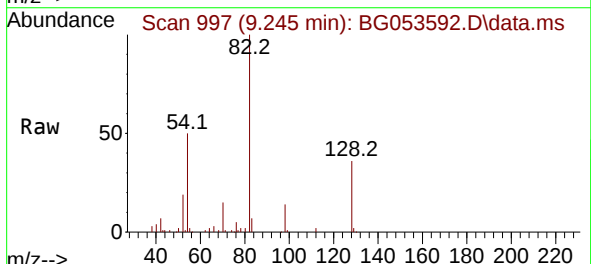
Instrument :
BNA_G
ClientSampleId :
P003-SS003-0612-01

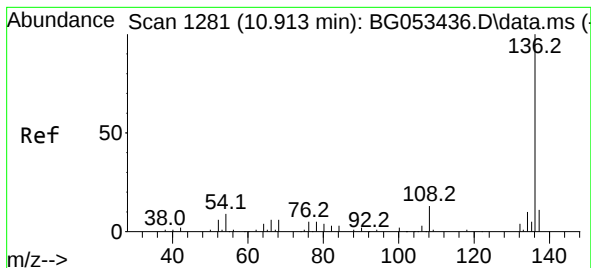
Tgt Ion: 99 Resp: 173857
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 43.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.643 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.356 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

Tgt Ion: 70 Resp: 17971
Ion Ratio Lower Upper
70 100
42 47.2 47.3 70.9#
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.890 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG053592.D

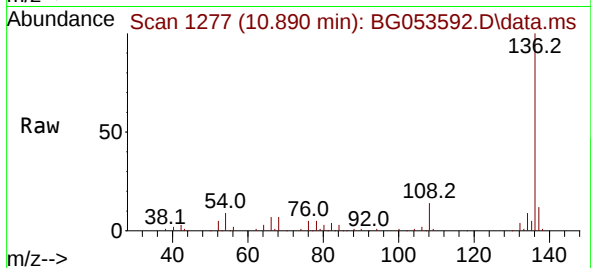
Acq: 17 May 2022 20:23

Instrument :

BNA_G

ClientSampleId :

P003-SS003-0612-01



Tgt Ion:136 Resp: 119495

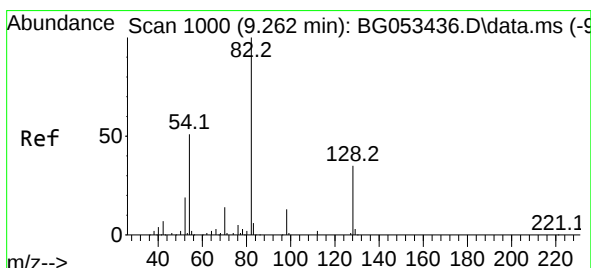
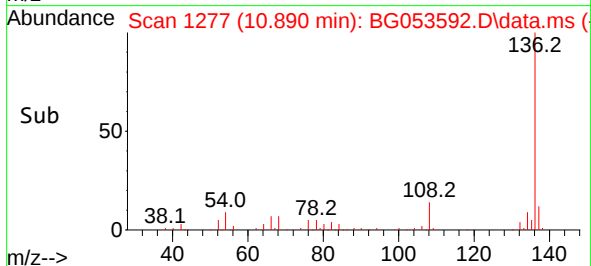
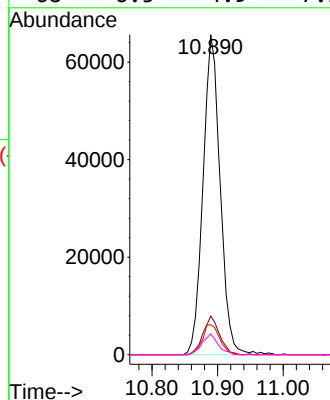
Ion Ratio Lower Upper

136 100

137 12.1 8.5 12.7

54 9.4 7.4 11.2

68 6.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 44.824 ng

RT: 9.245 min Scan# 997

Delta R.T. -0.008 min

Lab File: BG053592.D

Acq: 17 May 2022 20:23

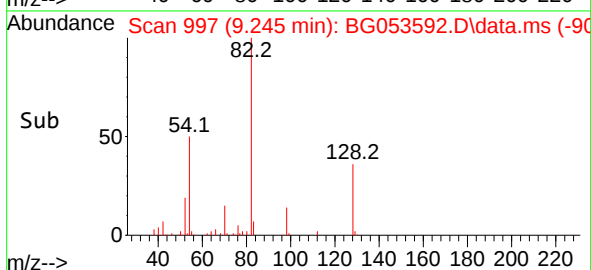
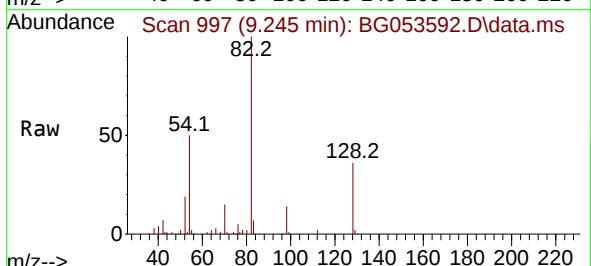
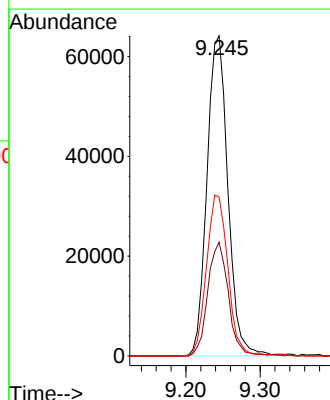
Tgt Ion: 82 Resp: 125827

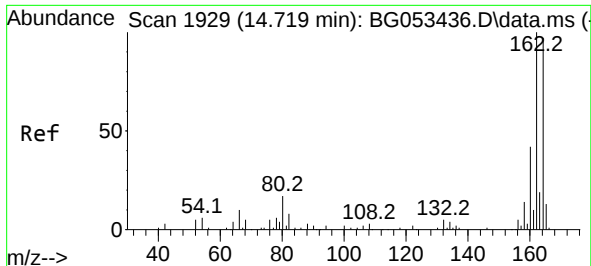
Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

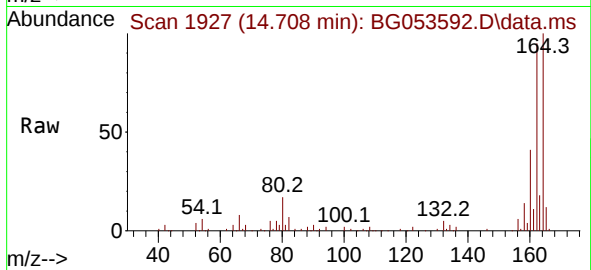
54 49.7 41.2 61.8



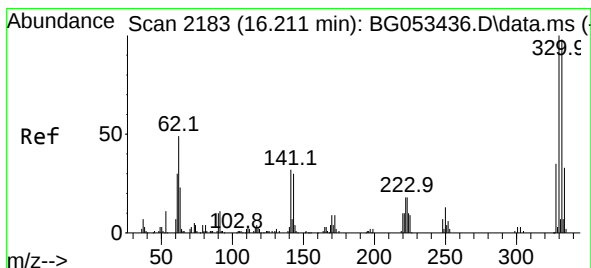
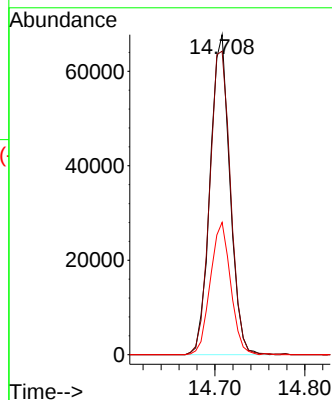
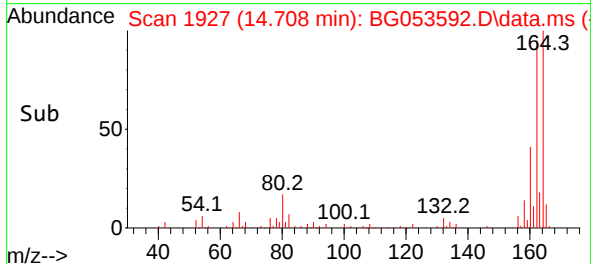


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

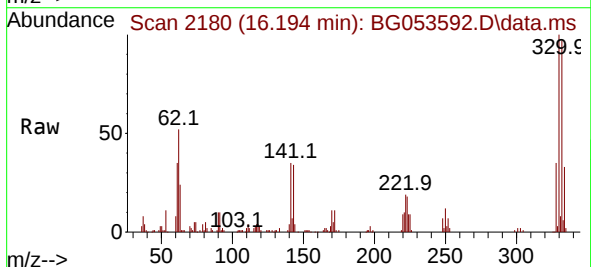
Instrument :
BNA_G
ClientSampleId :
P003-SS003-0612-01



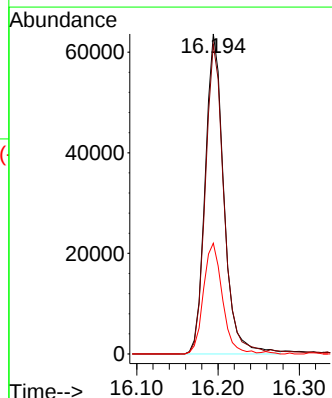
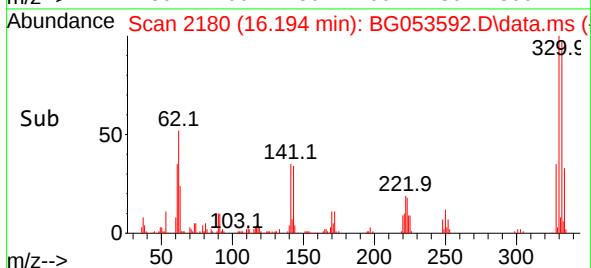
Tgt Ion:164 Resp: 103562
Ion Ratio Lower Upper
164 100
162 94.9 82.3 123.5
160 41.4 34.2 51.2

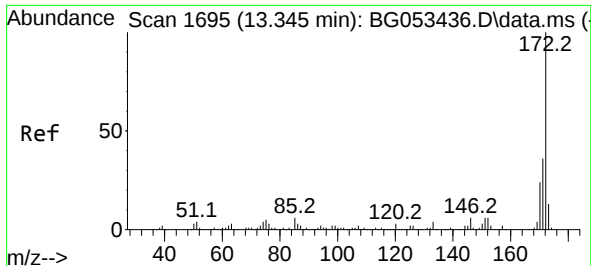


#42
2,4,6-Tribromophenol
Concen: 66.512 ng
RT: 16.194 min Scan# 2180
Delta R.T. -0.008 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23



Tgt Ion:330 Resp: 101592
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 35.1 27.1 40.7

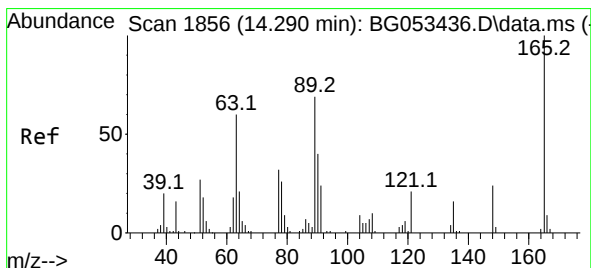
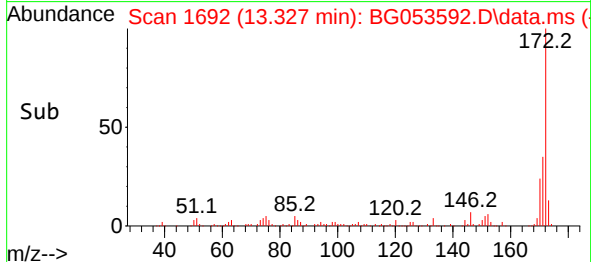
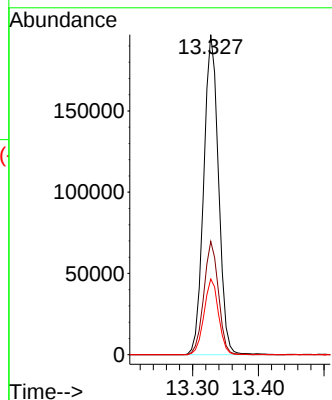
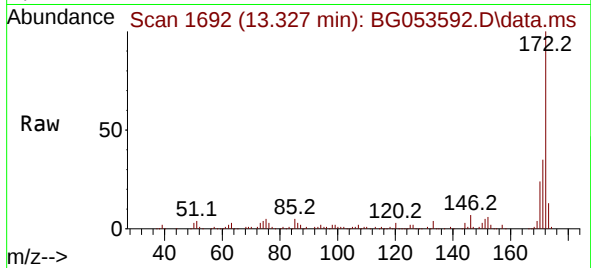




#45
2-Fluorobiphenyl
Concen: 43.636 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

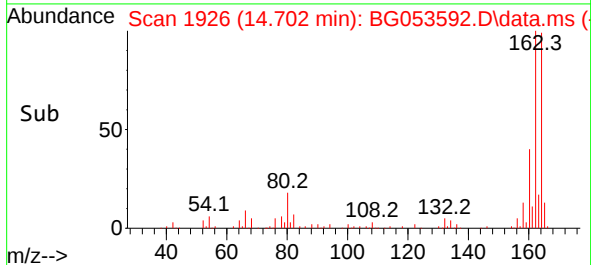
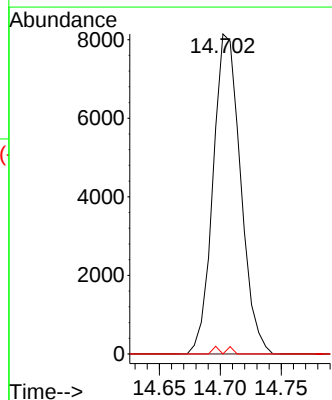
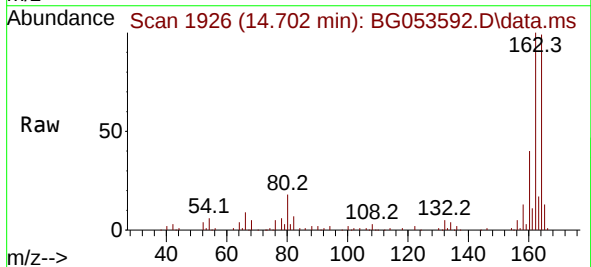
Instrument :
BNA_G
ClientSampleId :
P003-SS003-0612-01

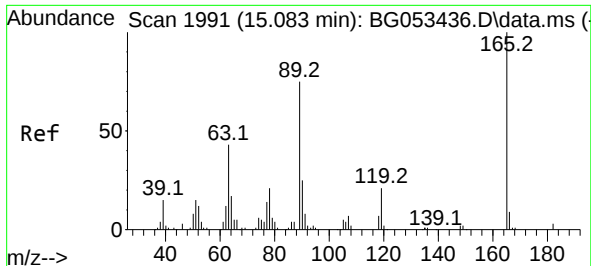
Tgt Ion:172 Resp: 309253
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.963 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.421 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

Tgt Ion:165 Resp: 12767
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: 5.493 ng

RT: 14.702 min Scan# 1991

Delta R.T. -0.372 min

Lab File: BG053592.D

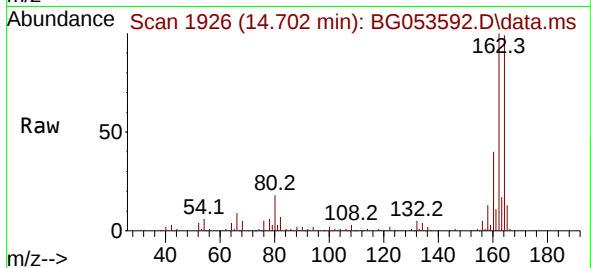
Acq: 17 May 2022 20:23

Instrument :

BNA_G

ClientSampleId :

P003-SS003-0612-01



Tgt Ion:165 Resp: 12767

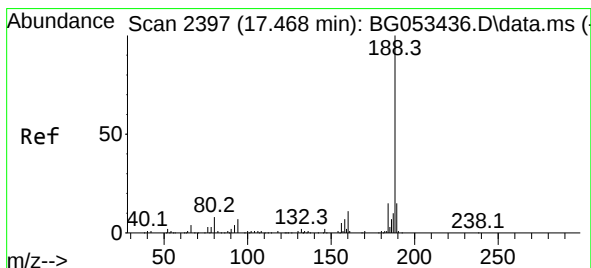
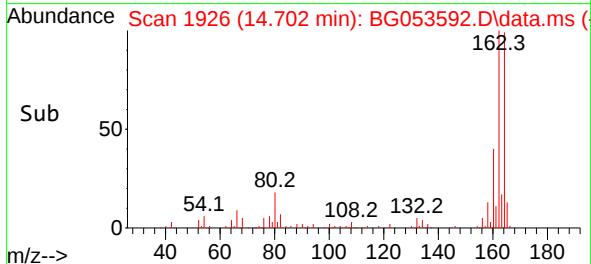
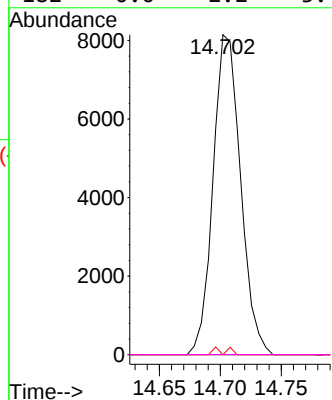
Ion Ratio Lower Upper

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: 17.451 min Scan# 2394

Delta R.T. -0.008 min

Lab File: BG053592.D

Acq: 17 May 2022 20:23

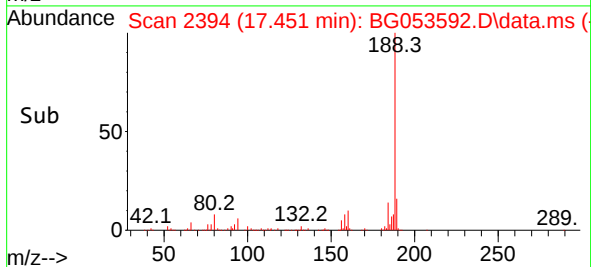
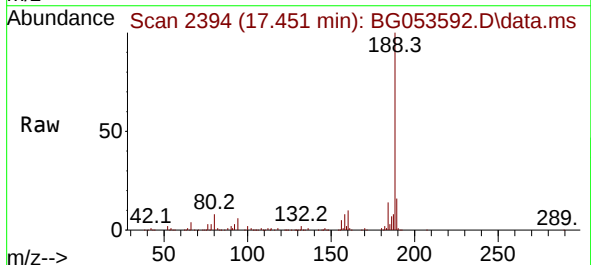
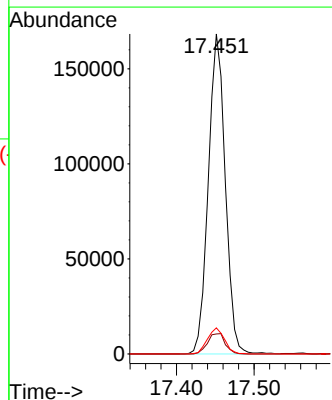
Tgt Ion:188 Resp: 255381

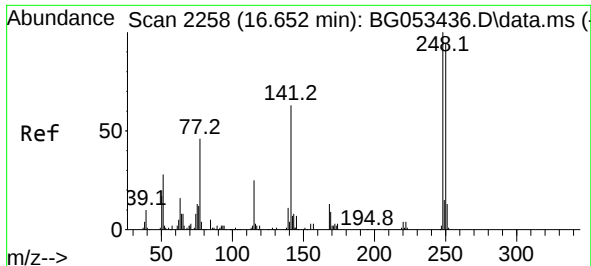
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

80 8.1 6.8 10.2

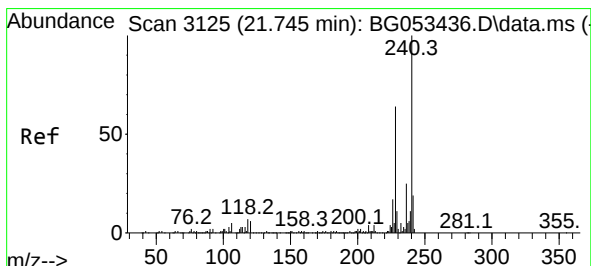
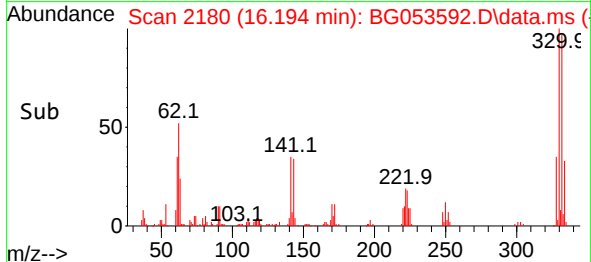
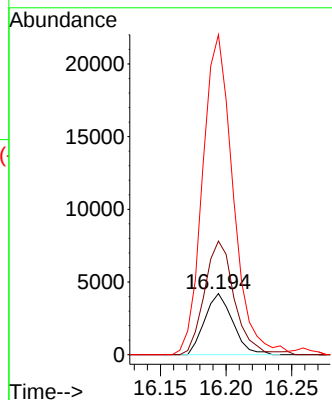
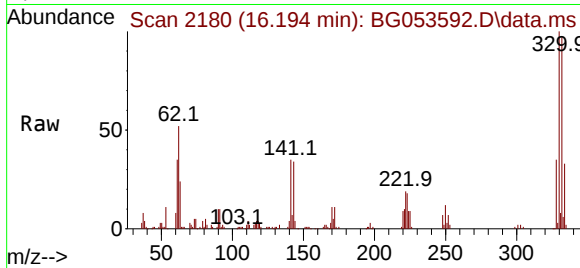




#67
4-Bromophenyl-phenylether
Concen: 2.096 ng
RT: 16.194 min Scan# 2180
Delta R.T. -0.448 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

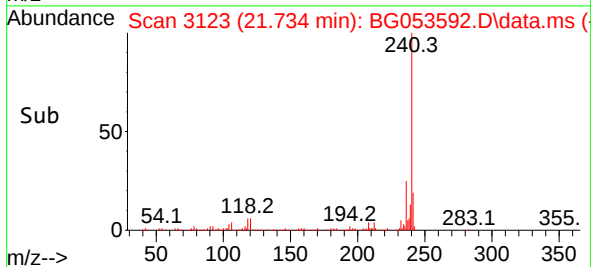
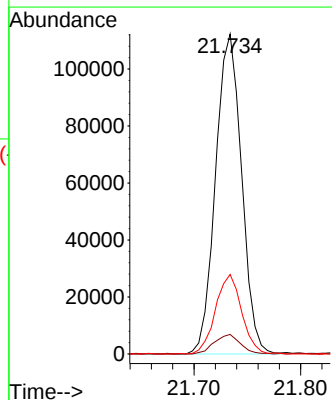
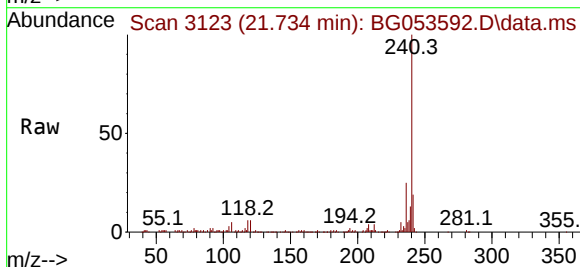
Instrument :
BNA_G
ClientSampleId :
P003-SS003-0612-01

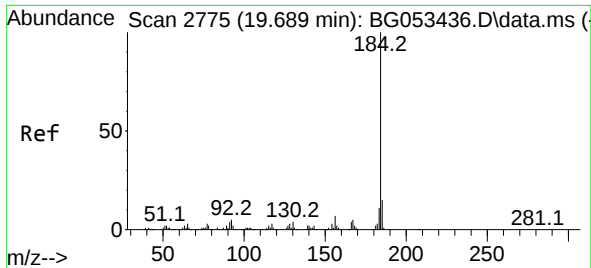
Tgt Ion:248 Resp: 6251
Ion Ratio Lower Upper
248 100
250 185.8 75.2 112.8#
141 523.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

Tgt Ion:240 Resp: 189943
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.9 20.2 30.4

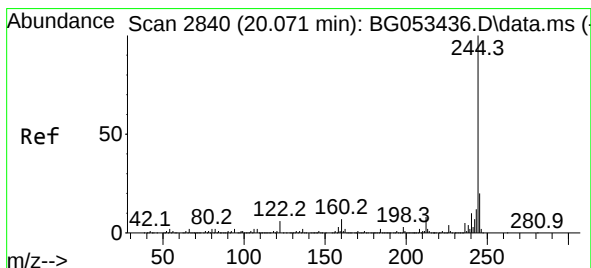
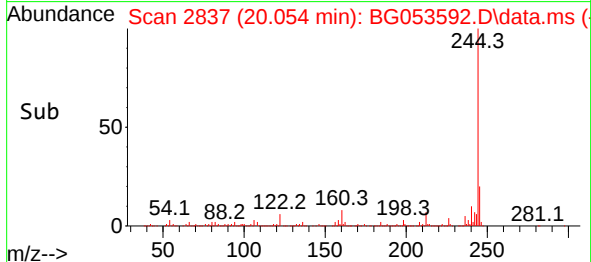
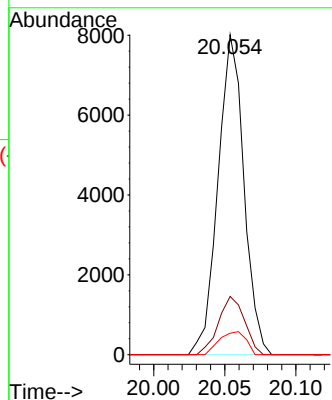
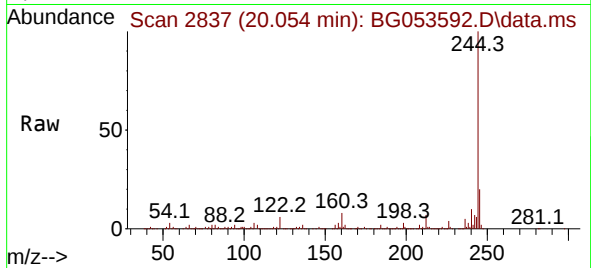




#77
Benzidine
Concen: 2.478 ng
RT: 20.054 min Scan# 2837
Delta R.T. 0.374 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

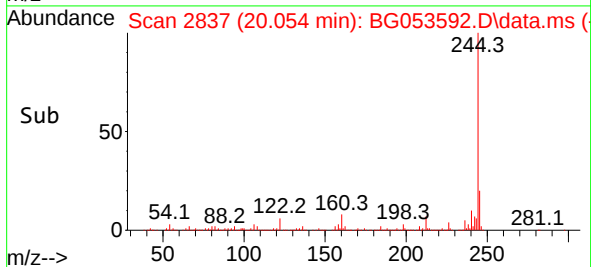
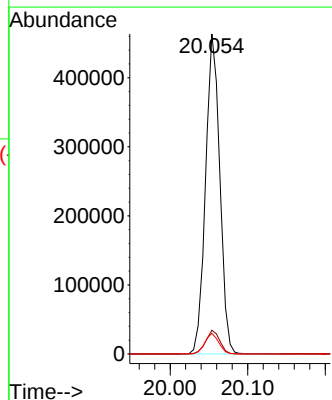
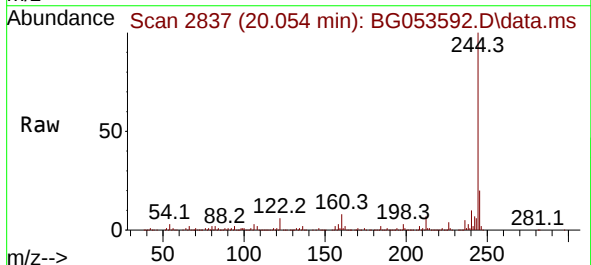
Instrument :
BNA_G
ClientSampleId :
P003-SS003-0612-01

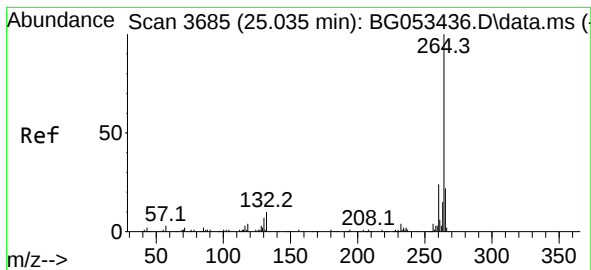
Tgt Ion:184 Resp: 10143
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.6#
183 6.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 57.862 ng
RT: 20.054 min Scan# 2837
Delta R.T. -0.008 min
Lab File: BG053592.D
Acq: 17 May 2022 20:23

Tgt Ion:244 Resp: 590104
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.4 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3

Delta R.T. -0.008 min

Lab File: BG053592.D

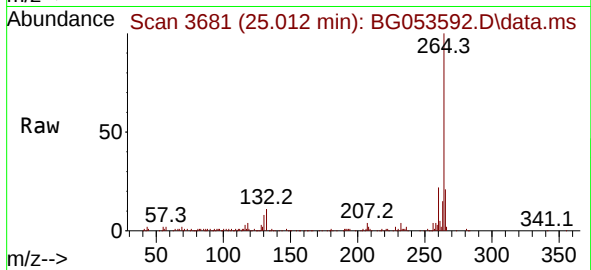
Acq: 17 May 2022 20:23

Instrument :

BNA_G

ClientSampleId :

P003-SS003-0612-01



Tgt Ion:264 Resp: 186538

Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.6

265 21.1 17.4 26.2

