

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052817.D
 Acq On : 24 Mar 2022 20:18
 Operator : CG/JU
 Sample : N2090-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-56

Quant Time: Mar 25 03:20:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

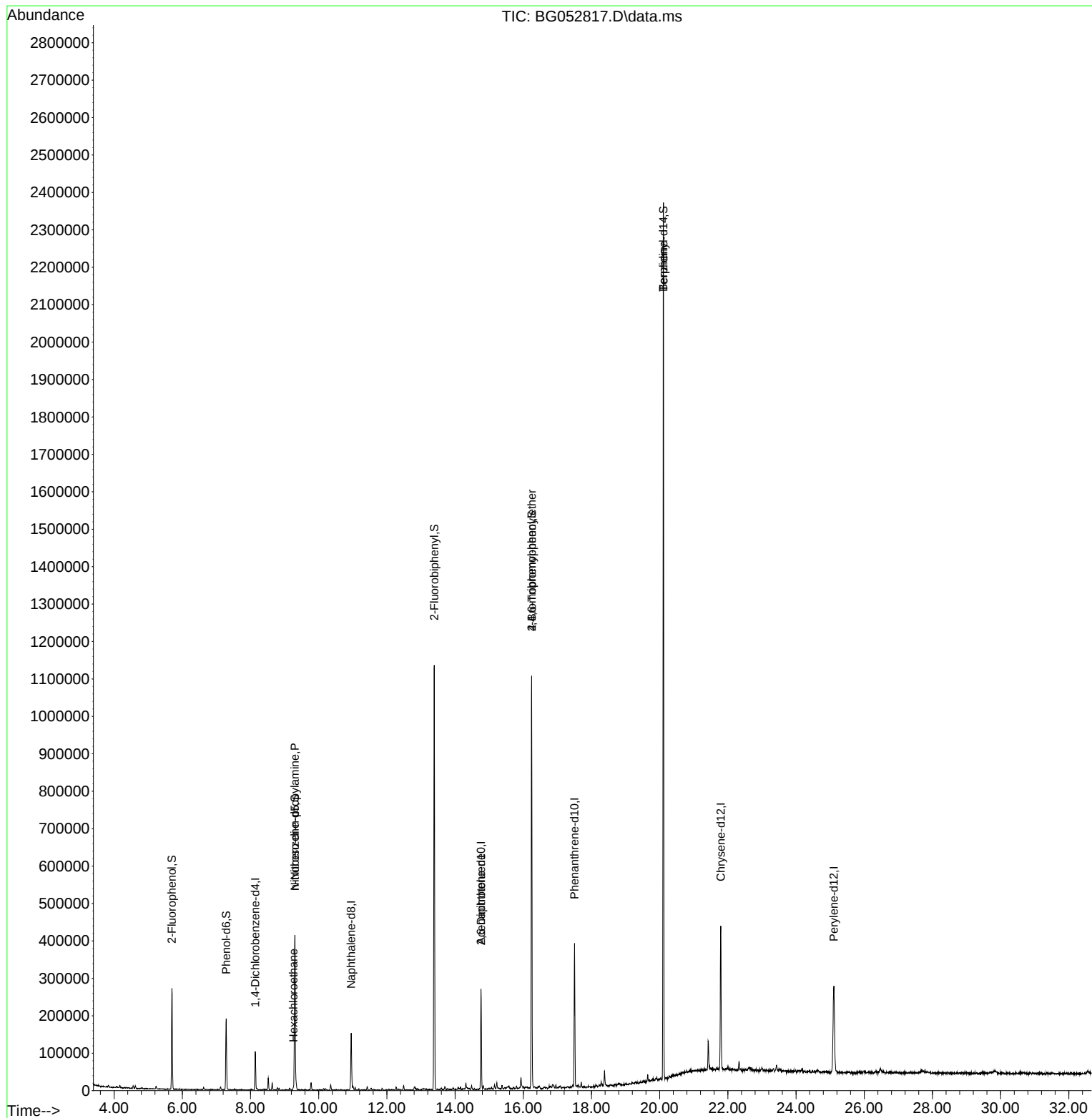
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	26125	20.000	ng	0.00
21) Naphthalene-d8	10.954	136	119065	20.000	ng	0.00
39) Acenaphthene-d10	14.761	164	96298	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	240952	20.000	ng	0.00
76) Chrysene-d12	21.792	240	252780	20.000	ng	0.00
86) Perylene-d12	25.111	264	265604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	104590	69.720	ng	0.00
7) Phenol-d6	7.288	99	105501	46.649	ng	0.00
23) Nitrobenzene-d5	9.303	82	264873	111.654	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	218197	168.624	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	609976	93.421	ng	0.00
79) Terphenyl-d14	20.112	244	1194091	84.030	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.288	77	318	Below Cal	#	52
18) Hexachloroethane	9.262	117	1646	2.353	ng	# 34
19) n-Nitroso-di-n-propyla...	9.303	70	36393	22.720	ng	# 85
51) 2,6-Dinitrotoluene	14.761	165	12789	10.584	ng	# 26
67) 4-Bromophenyl-phenylether	16.247	248	13438	4.626	ng	# 1
77) Benzidine	20.106	184	21297	3.267	ng	# 88

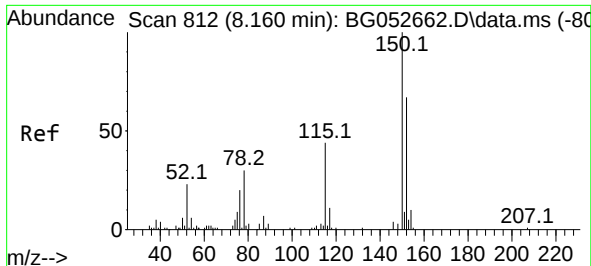
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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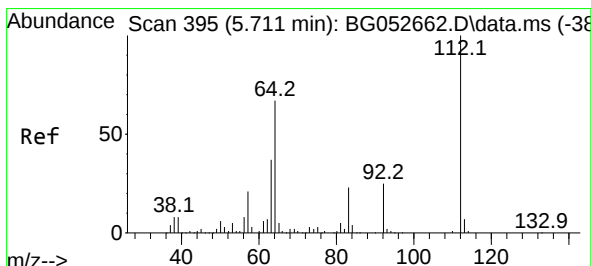
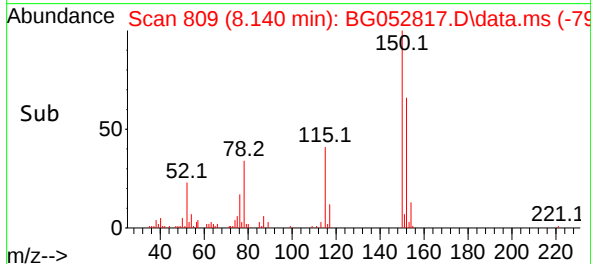
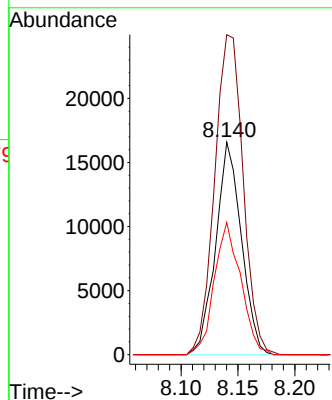
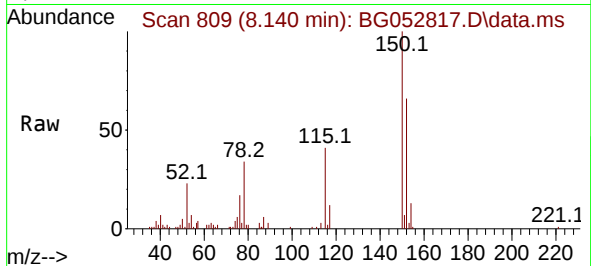




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

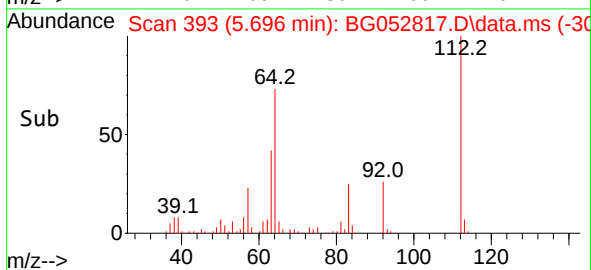
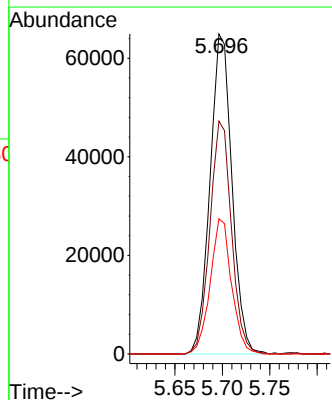
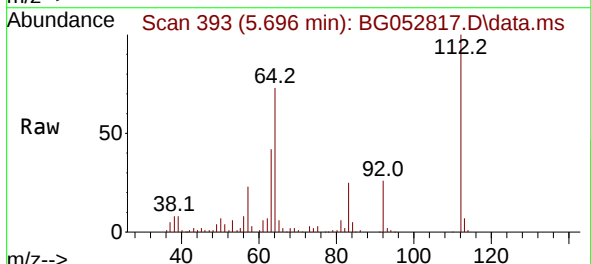
Instrument :
BNA_G
ClientSampleId :
MW-56

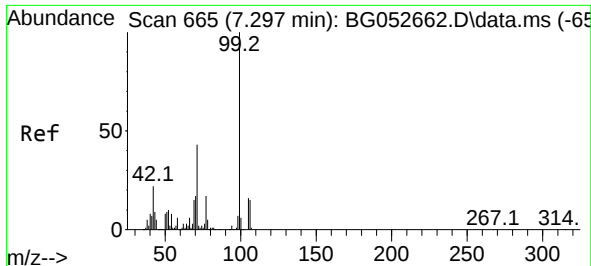
Tgt Ion:152 Resp: 26125
Ion Ratio Lower Upper
152 100
150 150.6 114.6 172.0
115 62.3 45.9 68.9



#5
2-Fluorophenol
Concen: 69.720 ng
RT: 5.696 min Scan# 393
Delta R.T. -0.000 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

Tgt Ion:112 Resp: 104590
Ion Ratio Lower Upper
112 100
64 72.7 48.0 72.0#
63 42.2 26.5 39.7#

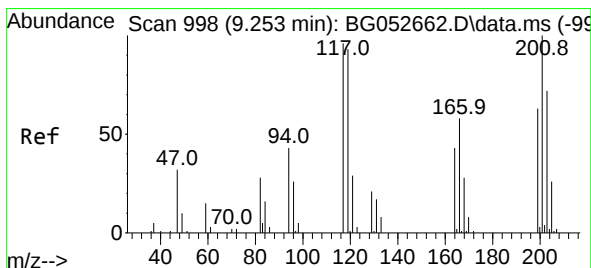
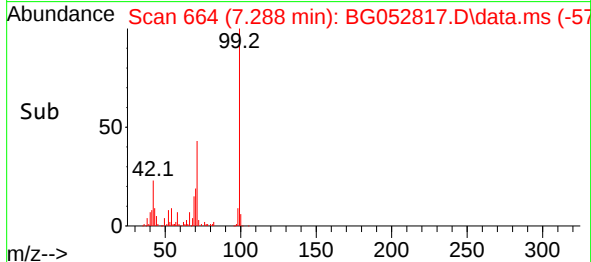
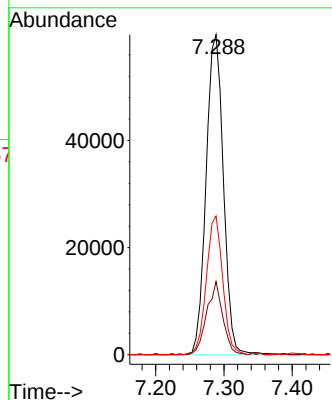
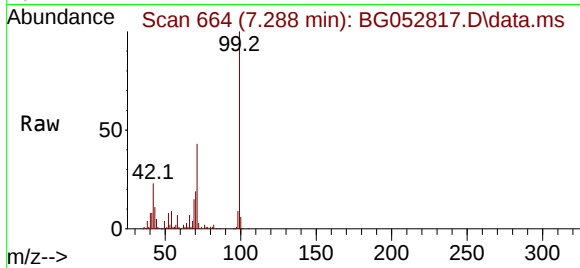




#7
Phenol-d6
Concen: 46.649 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

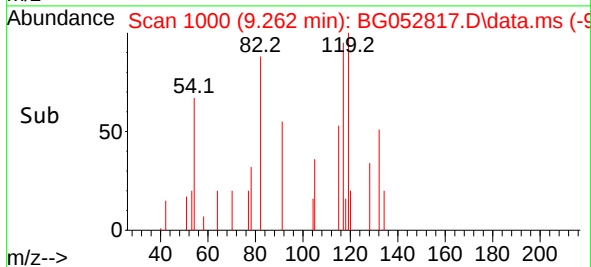
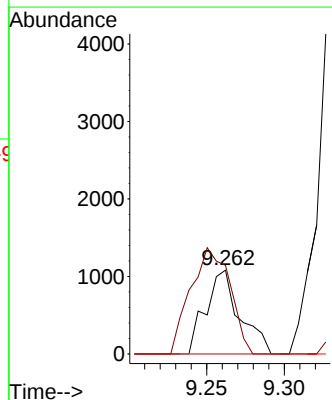
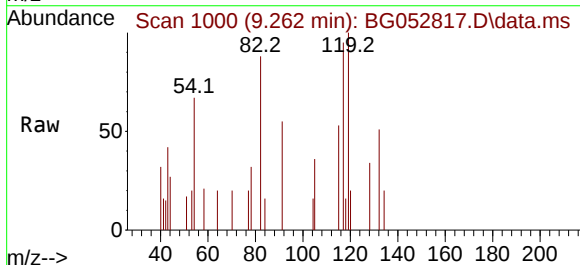
Instrument :
BNA_G
ClientSampleId :
MW-56

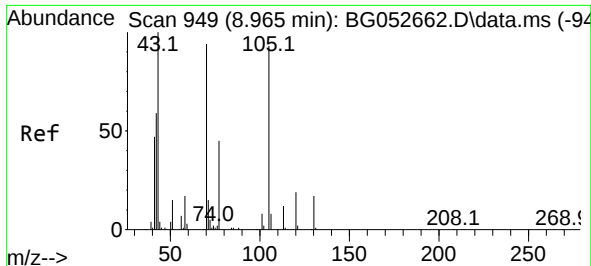
Tgt Ion: 99 Resp: 105501
Ion Ratio Lower Upper
99 100
42 22.9 14.7 22.1#
71 43.3 29.2 43.8



#18
Hexachloroethane
Concen: 2.353 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.029 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

Tgt Ion: 117 Resp: 1646
Ion Ratio Lower Upper
117 100
119 105.6 75.1 112.7
201 0.0 96.6 145.0#

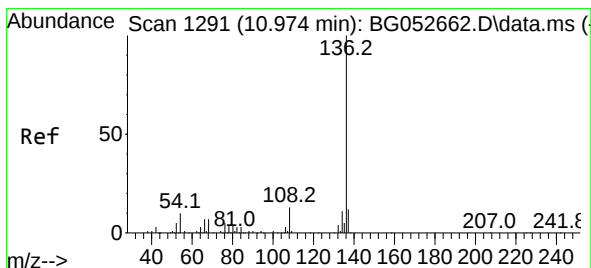
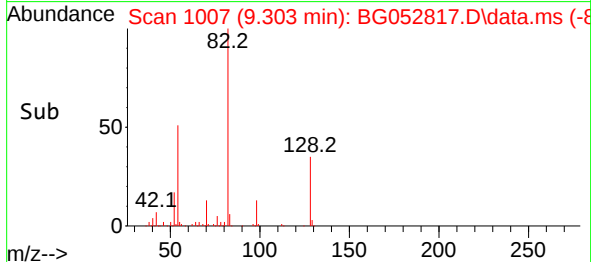
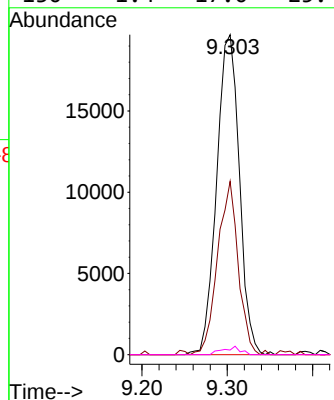
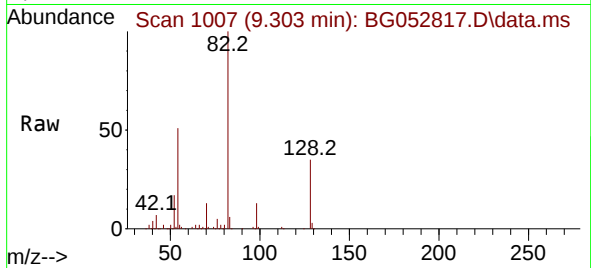




#19
n-Nitroso-di-n-propylamine
Concen: 22.720 ng
RT: 9.303 min Scan# 10
Delta R.T. 0.358 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

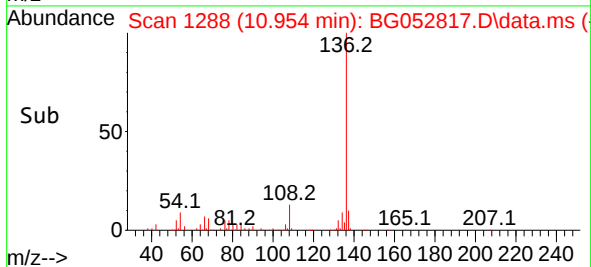
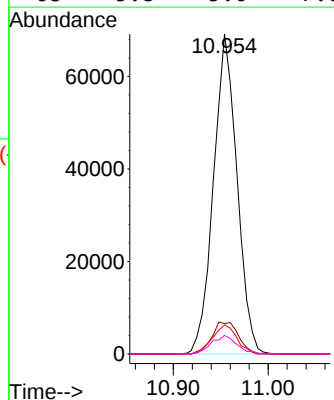
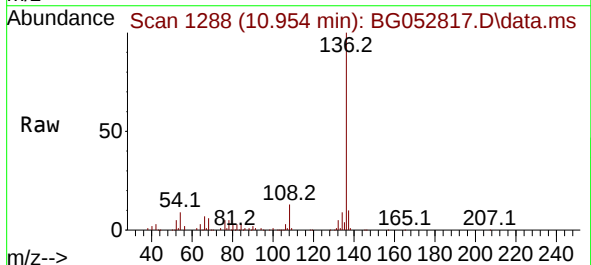
Instrument :
BNA_G
ClientSampleId :
MW-56

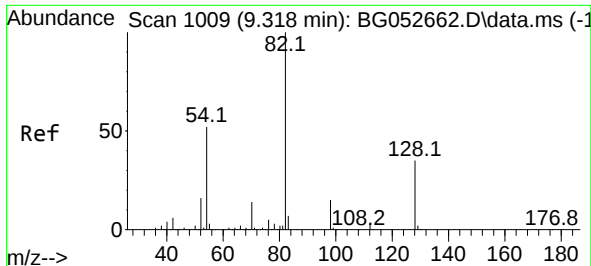
Tgt Ion: 70 Resp: 36393
Ion Ratio Lower Upper
70 100
42 54.1 46.0 69.0
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

Tgt Ion: 136 Resp: 119065
Ion Ratio Lower Upper
136 100
137 9.5 9.4 14.2
54 9.1 6.4 9.6
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 111.654 ng

RT: 9.303 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BG052817.D

Acq: 24 Mar 2022 20:18

Instrument :

BNA_G

ClientSampleId :

MW-56

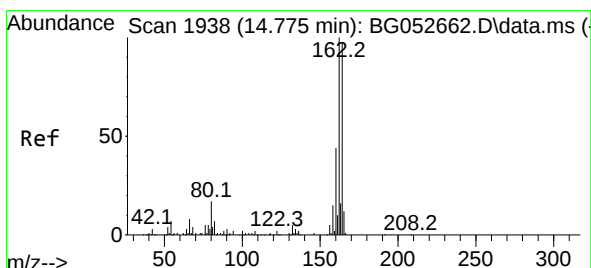
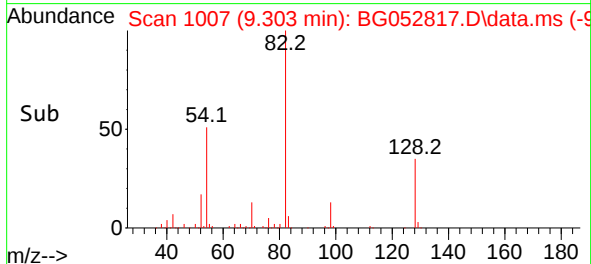
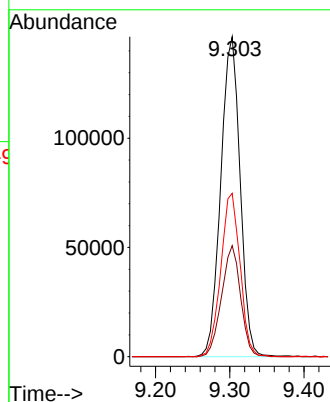
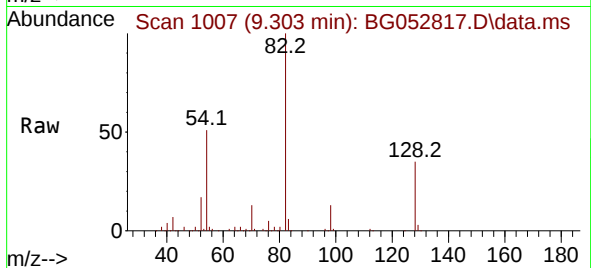
Tgt Ion: 82 Resp: 264873

Ion Ratio Lower Upper

82 100

128 34.7 31.3 46.9

54 51.0 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.761 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BG052817.D

Acq: 24 Mar 2022 20:18

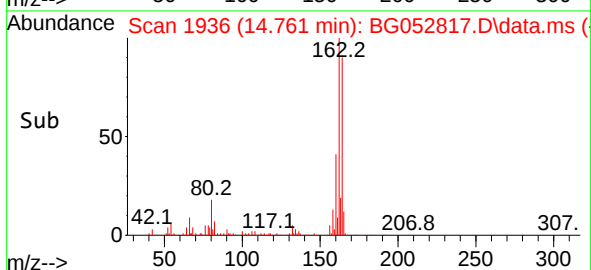
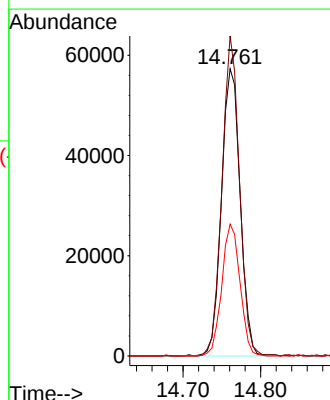
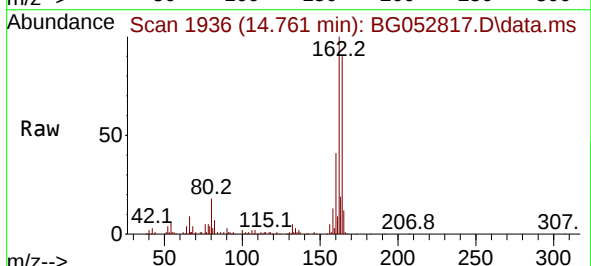
Tgt Ion:164 Resp: 96298

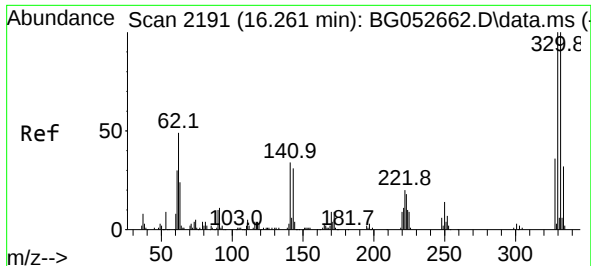
Ion Ratio Lower Upper

164 100

162 111.4 80.0 120.0

160 45.9 38.8 58.2

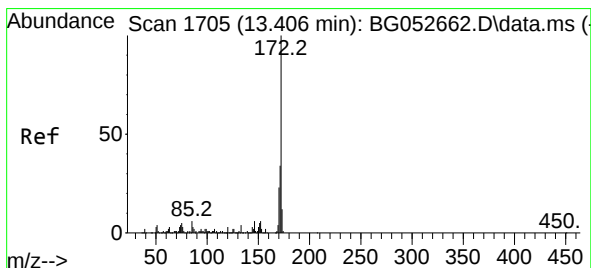
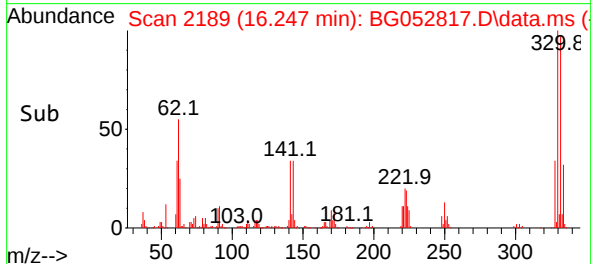
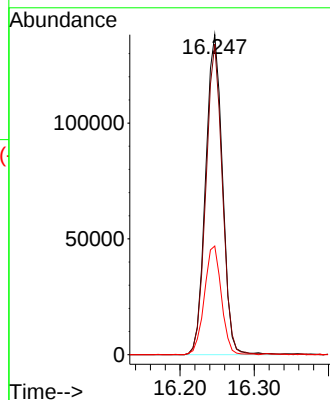
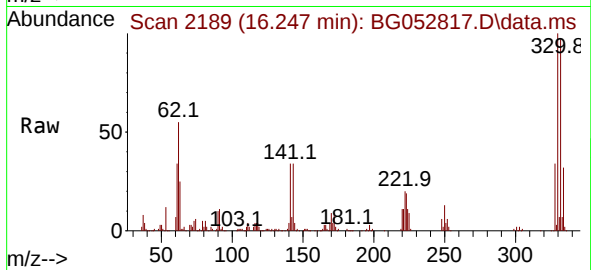




#42
2,4,6-Tribromophenol
Concen: 168.624 ng
RT: 16.247 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

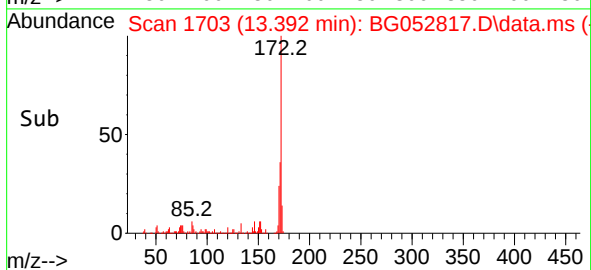
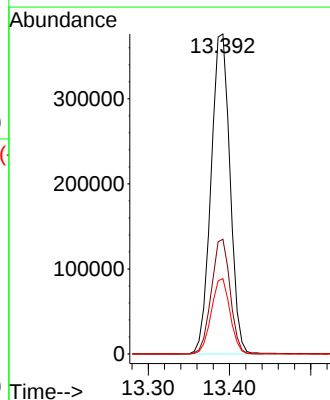
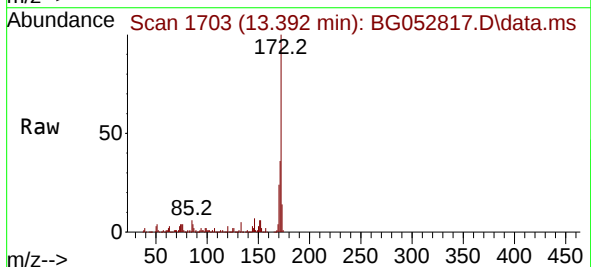
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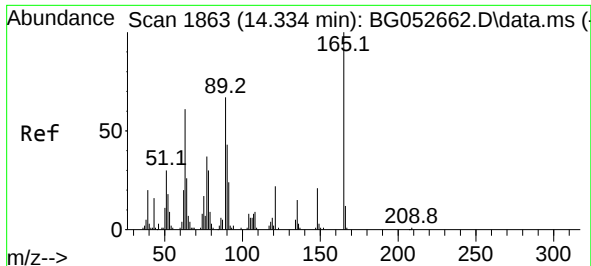
Tgt Ion:330 Resp: 218197
Ion Ratio Lower Upper
330 100
332 94.7 75.8 113.6
141 34.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 93.421 ng
RT: 13.392 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

Tgt Ion:172 Resp: 609976
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 18.0 27.0

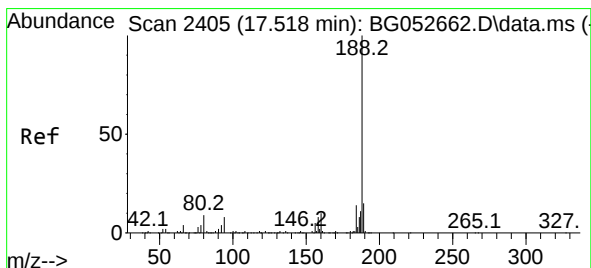
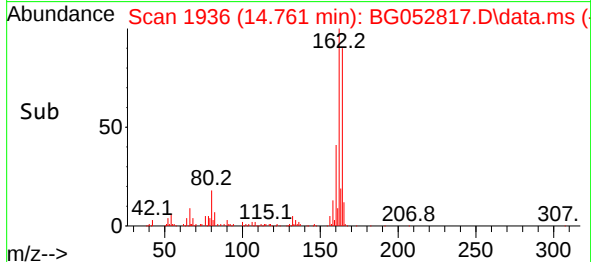
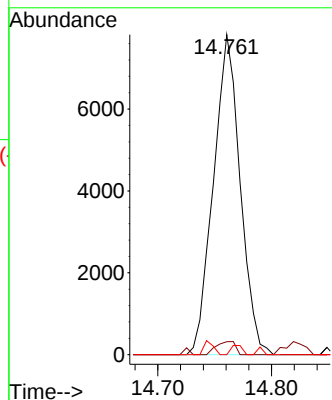
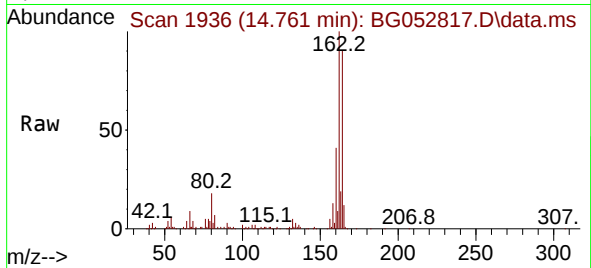




#51
2,6-Dinitrotoluene
Concen: 10.584 ng
RT: 14.761 min Scan# 1936
Delta R.T. 0.435 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

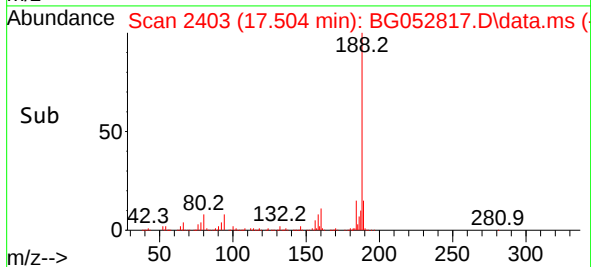
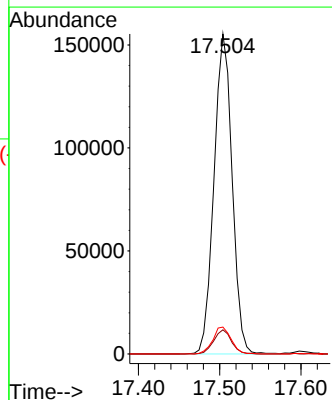
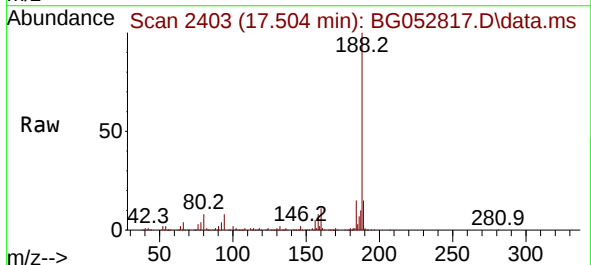
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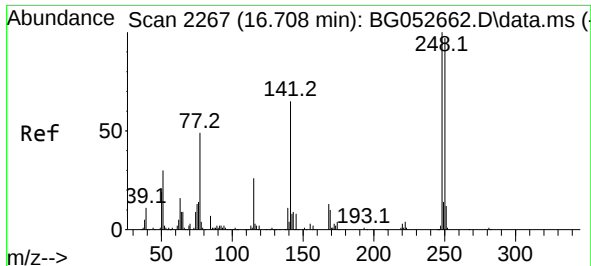
Tgt Ion:165 Resp: 12789
Ion Ratio Lower Upper
165 100
63 4.0 43.7 65.5#
89 0.0 45.0 67.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

Tgt Ion:188 Resp: 240952
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 7.2 10.8

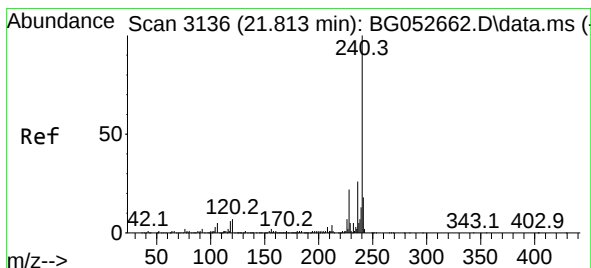
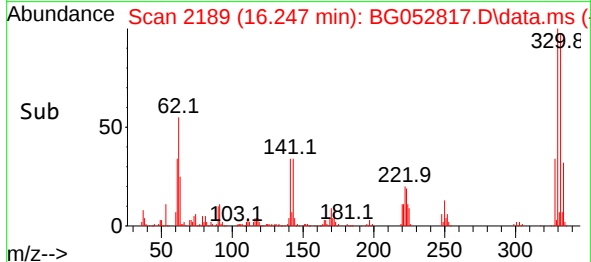
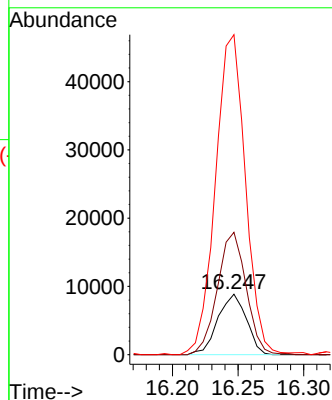
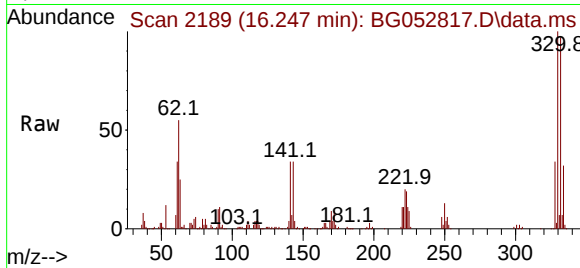




#67
4-Bromophenyl-phenylether
Concen: 4.626 ng
RT: 16.247 min Scan# 2119
Delta R.T. -0.447 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

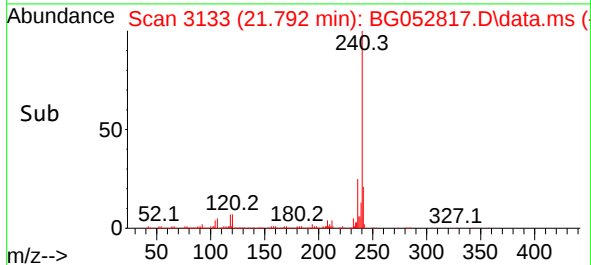
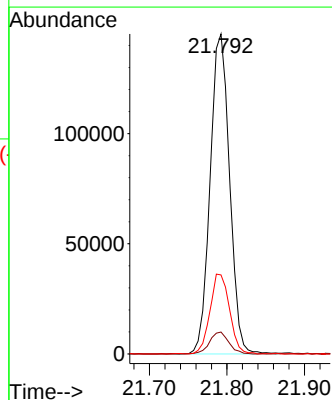
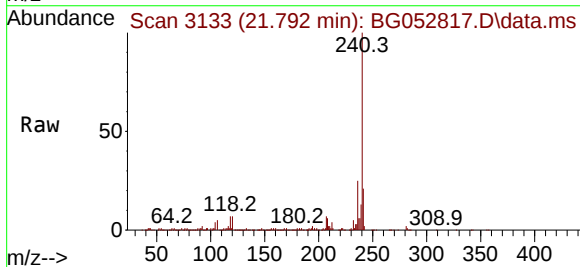
Instrument :
BNA_G
ClientSampleId :
MW-56

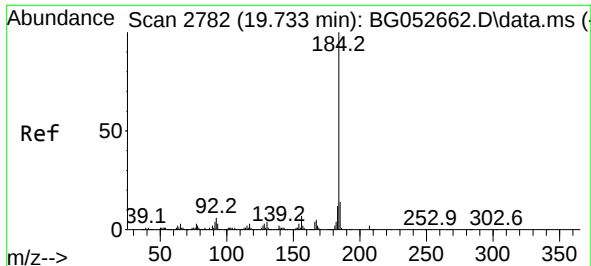
Tgt Ion:248 Resp: 13438
Ion Ratio Lower Upper
248 100
250 202.3 77.9 116.9#
141 529.0 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

Tgt Ion:240 Resp: 252780
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 24.7 19.8 29.6

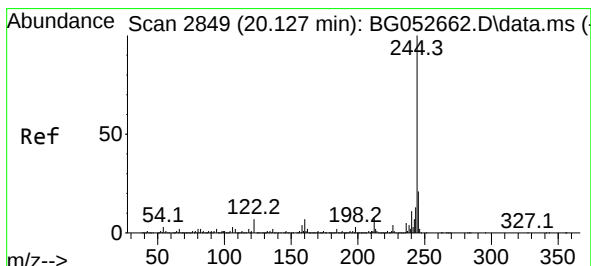
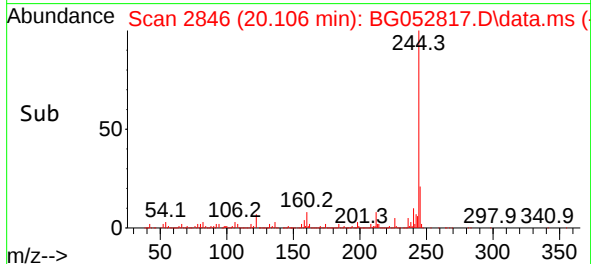
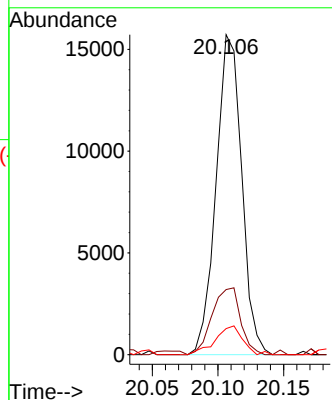
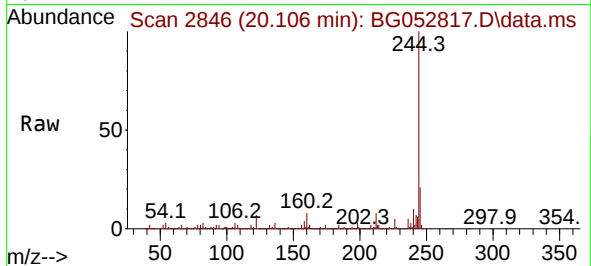




#77
Benzidine
Concen: 3.267 ng
RT: 20.106 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

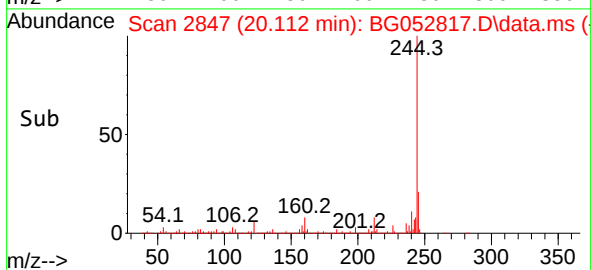
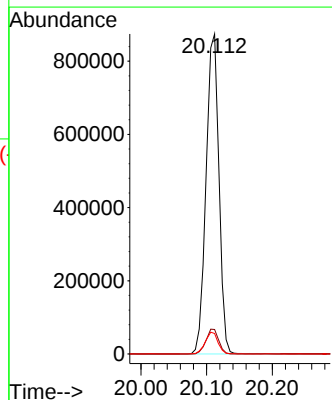
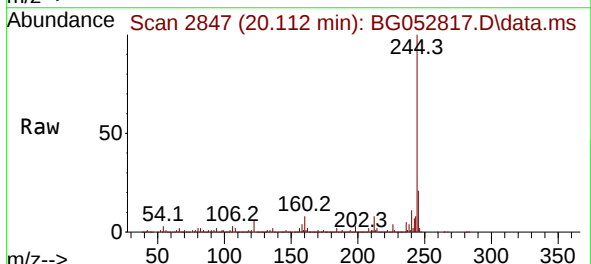
Instrument :
BNA_G
ClientSampleId :
MW-56

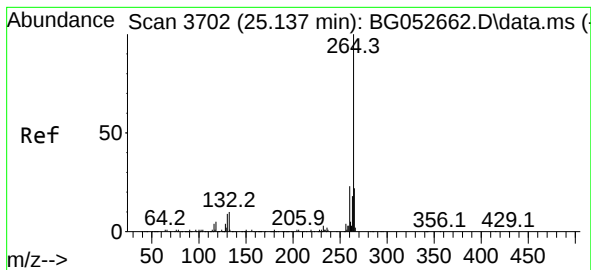
Tgt Ion:184 Resp: 21297
Ion Ratio Lower Upper
184 100
185 20.4 11.5 17.3#
183 8.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.030 ng
RT: 20.112 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BG052817.D
Acq: 24 Mar 2022 20:18

Tgt Ion:244 Resp: 1194091
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.4 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.111 min Scan# 30

Delta R.T. -0.000 min

Lab File: BG052817.D

Acq: 24 Mar 2022 20:18

Instrument :

BNA_G

ClientSampleId :

MW-56

Tgt Ion:264 Resp: 265604

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 20.7 15.1 22.7

