

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054074.D
 Acq On : 26 Jun 2022 15:58
 Operator : CG/JU
 Sample : N3488-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623

Quant Time: Jun 27 00:29:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

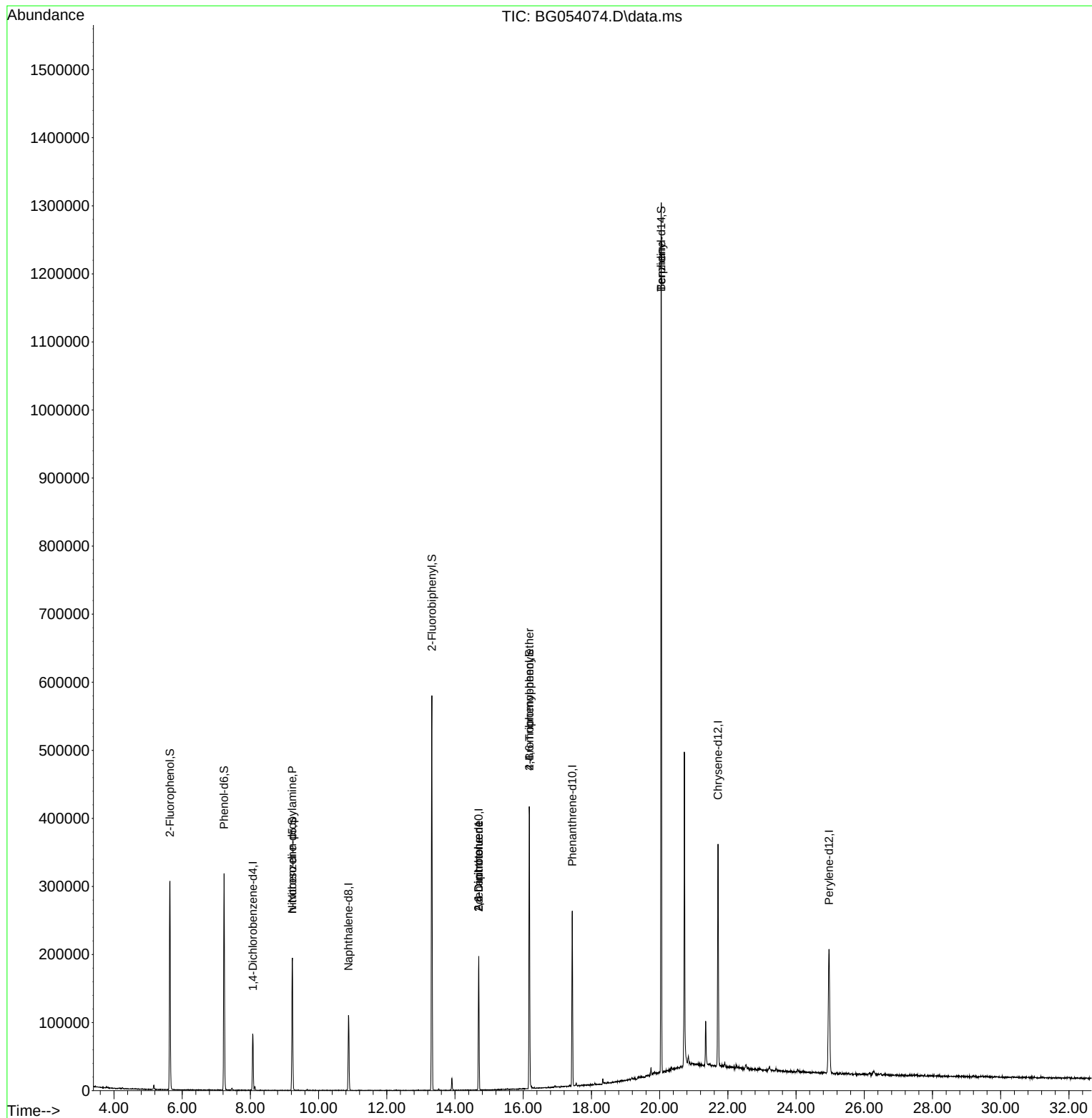
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	26393	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	104422	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	73776	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	181417	20.000	ng	0.00
76) Chrysene-d12	21.711	240	217948	20.000	ng	0.00
86) Perylene-d12	24.966	264	216231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	147383	106.764	ng	0.00
7) Phenol-d6	7.228	99	191359	102.184	ng	0.00
23) Nitrobenzene-d5	9.231	82	127008	68.351	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	94921	80.079	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	330506	65.143	ng	0.00
79) Terphenyl-d14	20.048	244	711123	65.716	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.231	70	16567	13.168	ng	# 83
51) 2,6-Dinitrotoluene	14.696	165	9858	8.684	ng	# 16
57) 2,4-Dinitrotoluene	14.696	165	9858	6.149	ng	# 21
67) 4-Bromophenyl-phenylether	16.182	248	5992	2.645	ng	# 1
77) Benzidine	20.048	184	10429	2.311	ng	# 93

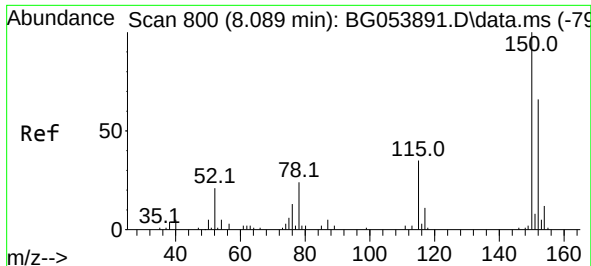
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

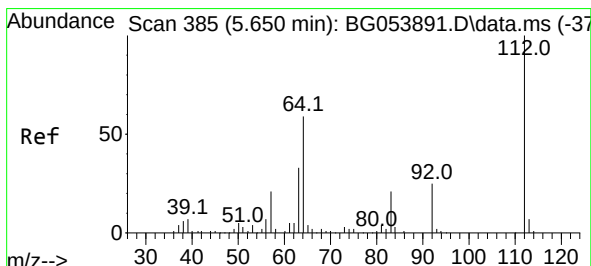
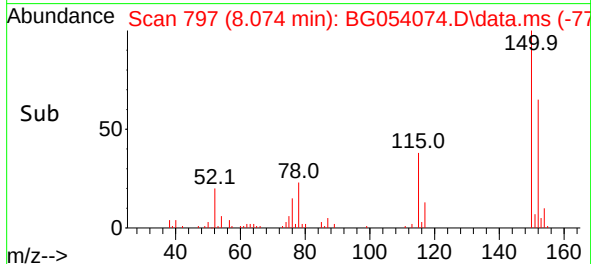
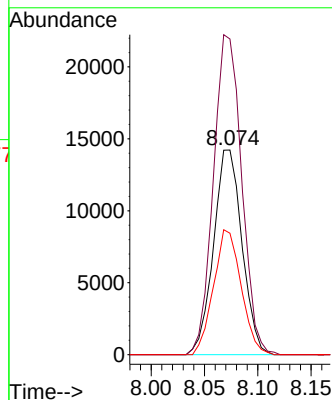
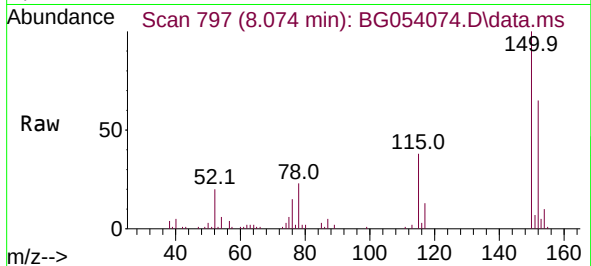




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.074 min Scan# 79
 Delta R.T. 0.004 min
 Lab File: BG054074.D
 Acq: 26 Jun 2022 15:58

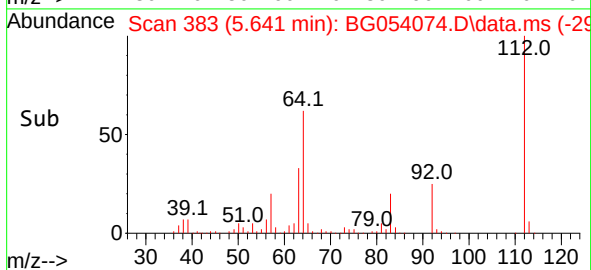
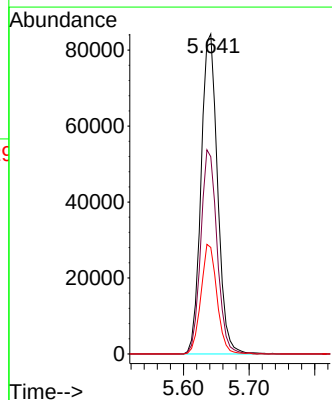
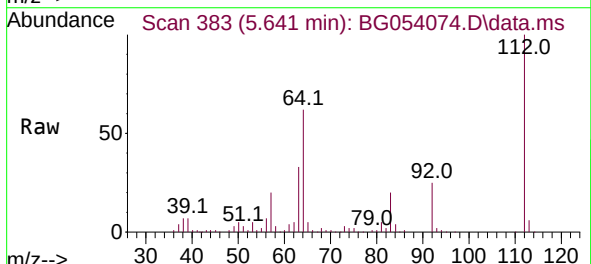
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623

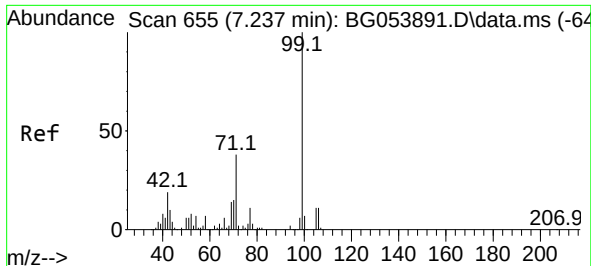
Tgt Ion:152 Resp: 26393
 Ion Ratio Lower Upper
 152 100
 150 154.3 131.6 197.4
 115 59.4 50.9 76.3



#5
 2-Fluorophenol
 Concen: 106.764 ng
 RT: 5.641 min Scan# 383
 Delta R.T. 0.004 min
 Lab File: BG054074.D
 Acq: 26 Jun 2022 15:58

Tgt Ion:112 Resp: 147383
 Ion Ratio Lower Upper
 112 100
 64 61.6 55.1 82.7
 63 33.3 30.4 45.6

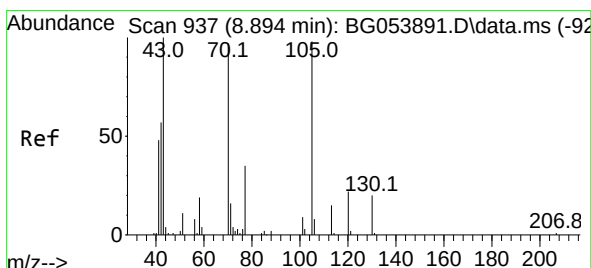
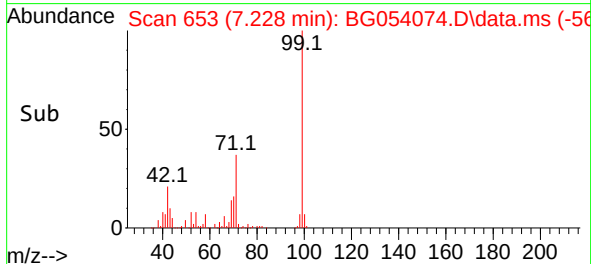
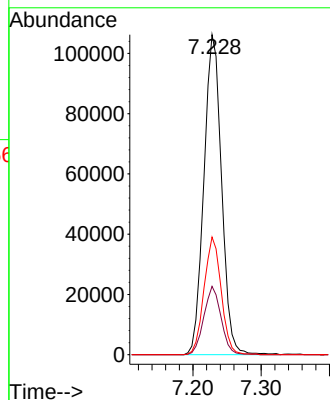
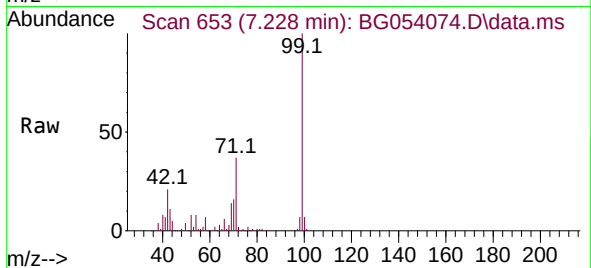




#7
Phenol-d6
Concen: 102.184 ng
RT: 7.228 min Scan# 611
Delta R.T. -0.002 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

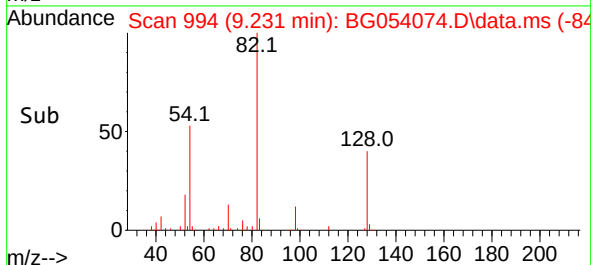
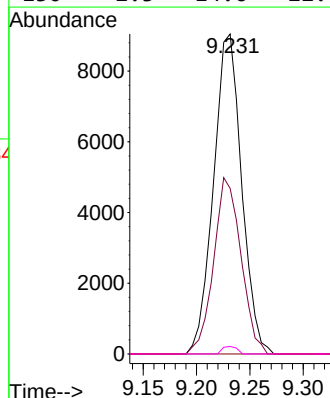
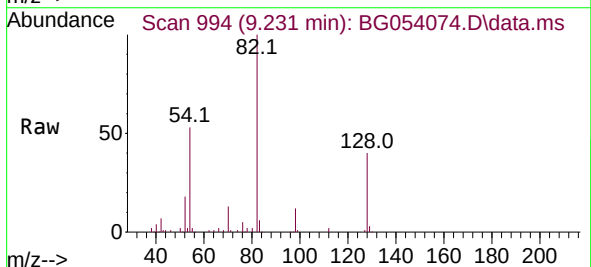
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623

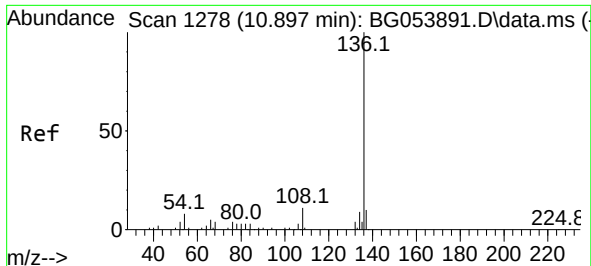
Tgt Ion: 99 Resp: 191359
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 36.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.168 ng
RT: 9.231 min Scan# 994
Delta R.T. 0.356 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

Tgt Ion: 70 Resp: 16567
Ion Ratio Lower Upper
70 100
42 51.8 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

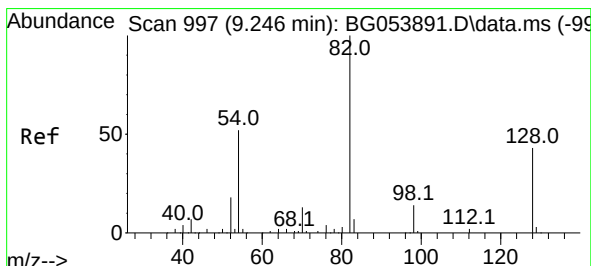
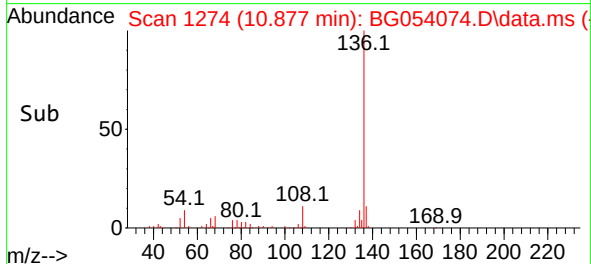
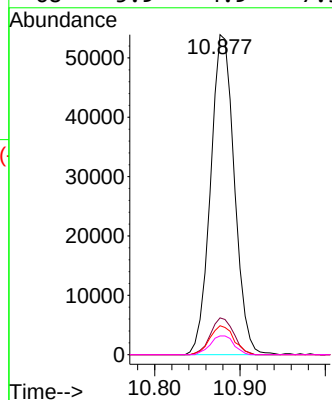
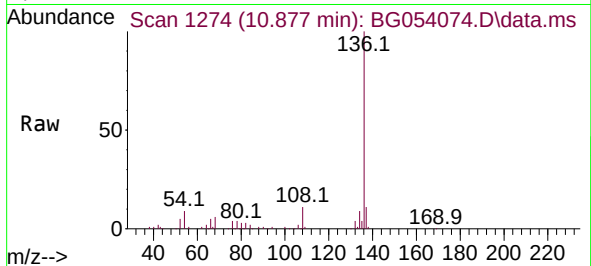




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

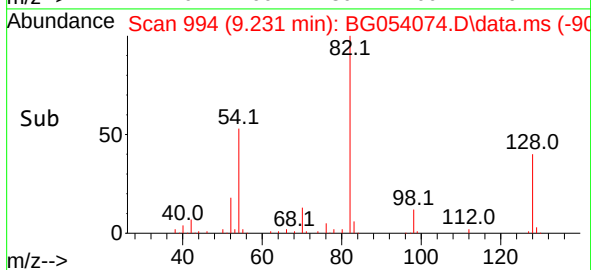
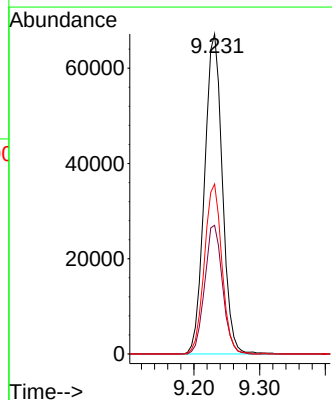
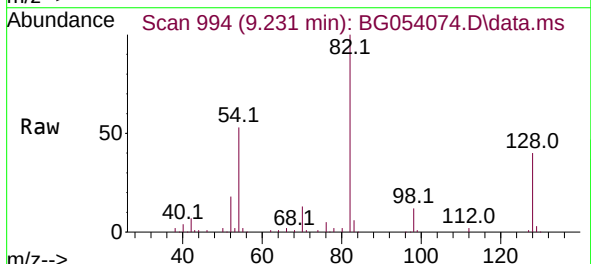
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623

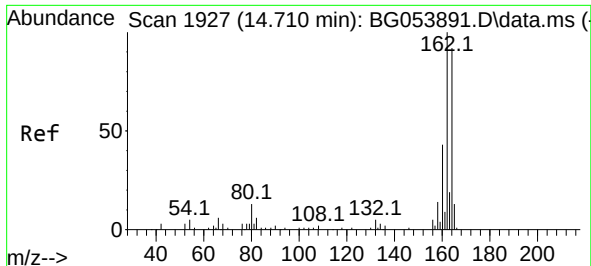
Tgt Ion:	136	Resp:	104422
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	9.0	7.4	11.2
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 68.351 ng
RT: 9.231 min Scan# 994
Delta R.T. -0.002 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

Tgt Ion:	82	Resp:	127008
Ion Ratio	Lower	Upper	
82	100		
128	40.2	27.9	41.9
54	53.1	41.2	61.8

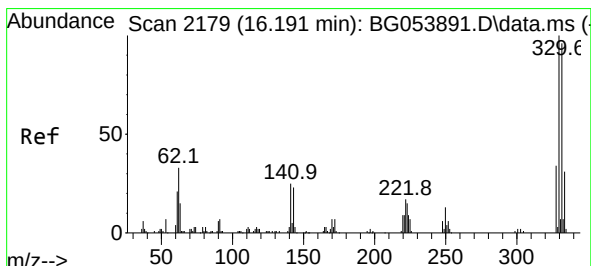
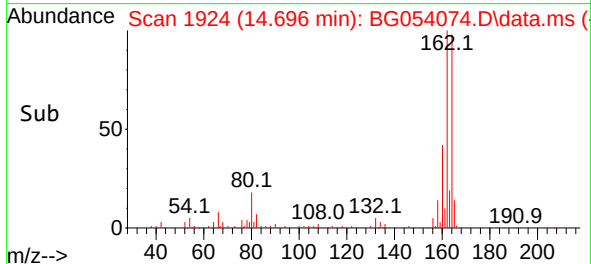
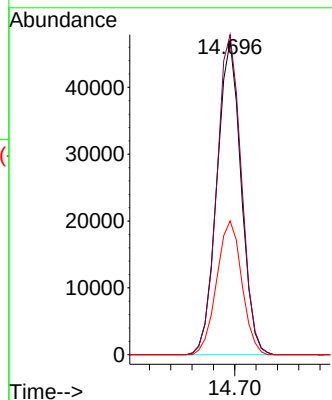
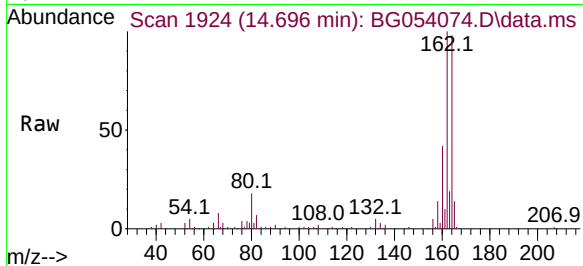




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.696 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

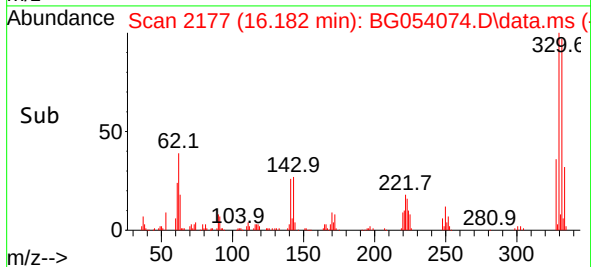
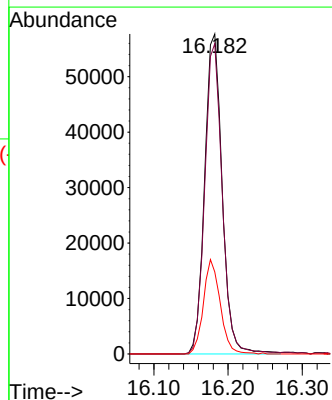
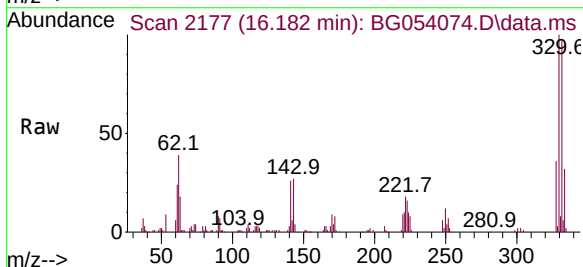
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623

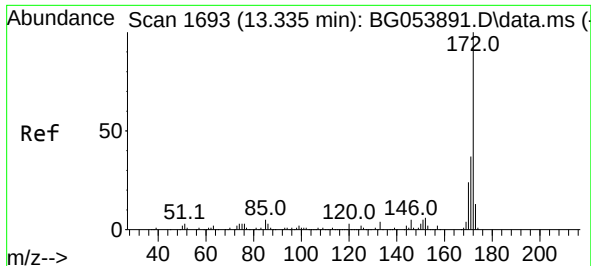
Tgt Ion:164 Resp: 73776
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 42.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 80.079 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

Tgt Ion:330 Resp: 94921
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 28.4 27.1 40.7

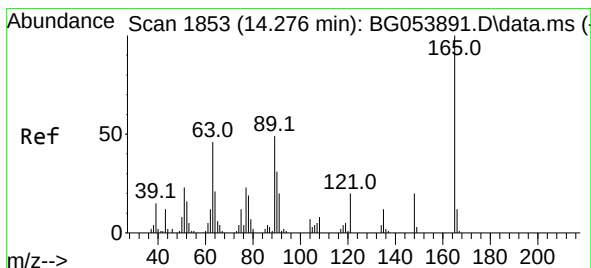
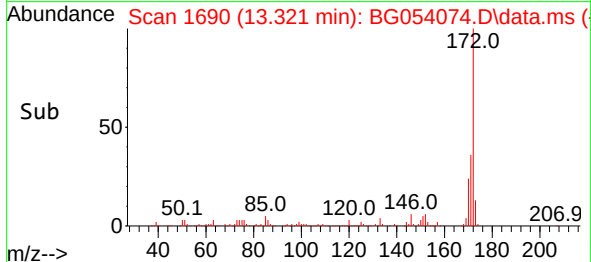
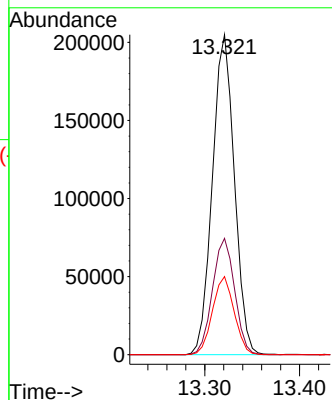
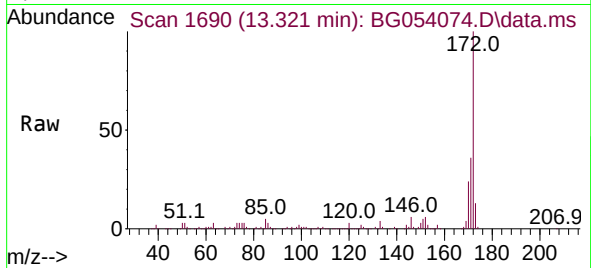




#45
2-Fluorobiphenyl
Concen: 65.143 ng
RT: 13.321 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

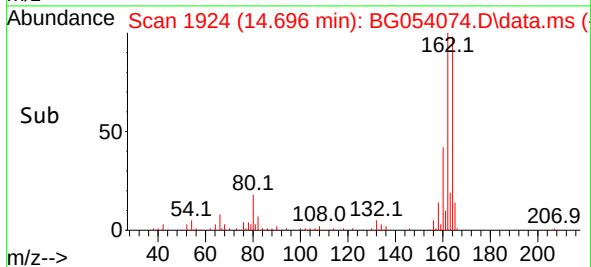
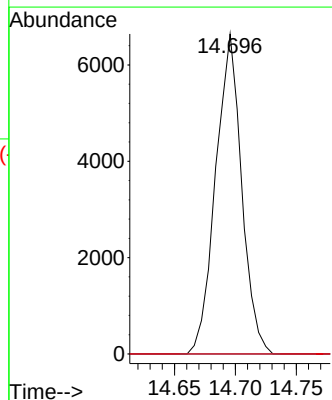
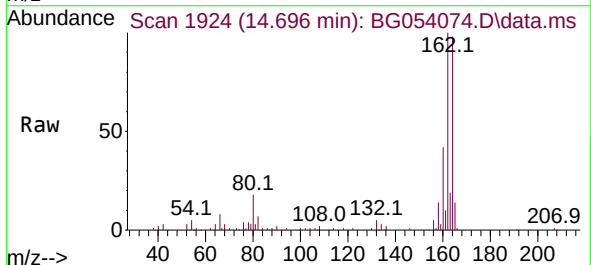
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623

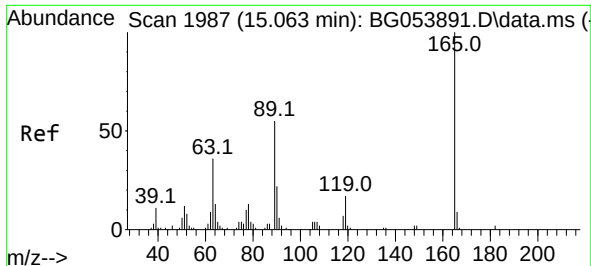
Tgt Ion:172 Resp: 330506
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 14.696 min Scan# 1924
Delta R.T. 0.432 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

Tgt Ion:165 Resp: 9858
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: 6.149 ng

RT: 14.696 min Scan# 1987

Delta R.T. -0.355 min

Lab File: BG054074.D

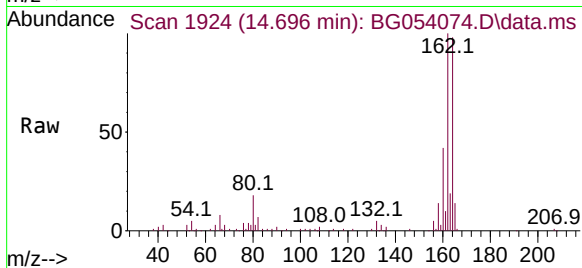
Acq: 26 Jun 2022 15:58

Instrument :

BNA_G

ClientSampleId :

SB-7-16-18-20220623



Tgt Ion:165 Resp: 9858

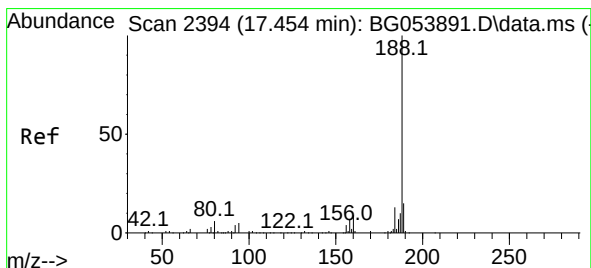
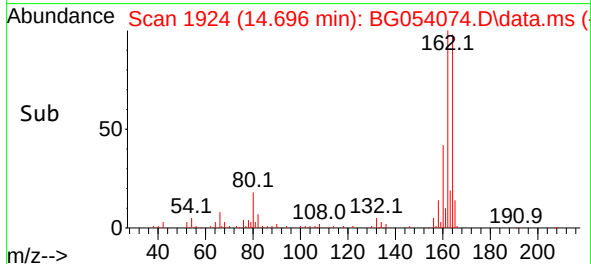
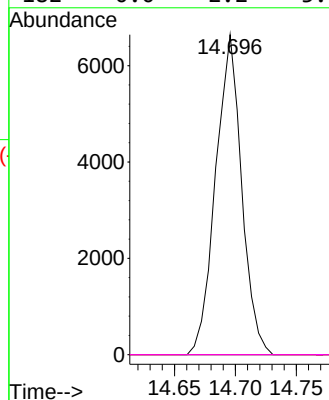
Ion Ratio Lower Upper

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: 17.439 min Scan# 2391

Delta R.T. -0.002 min

Lab File: BG054074.D

Acq: 26 Jun 2022 15:58

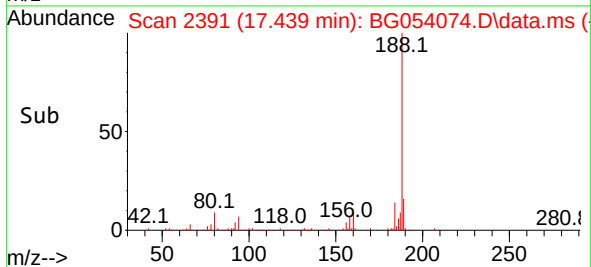
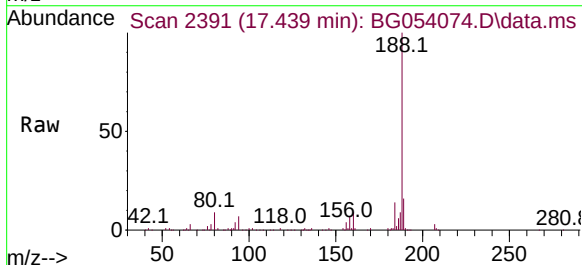
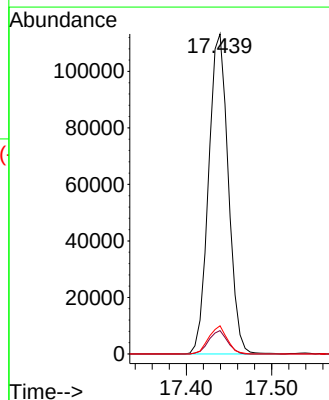
Tgt Ion:188 Resp: 181417

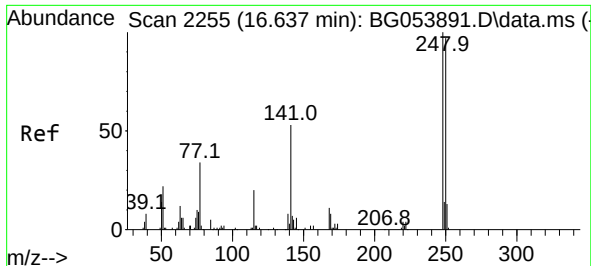
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.0

80 8.8 6.8 10.2

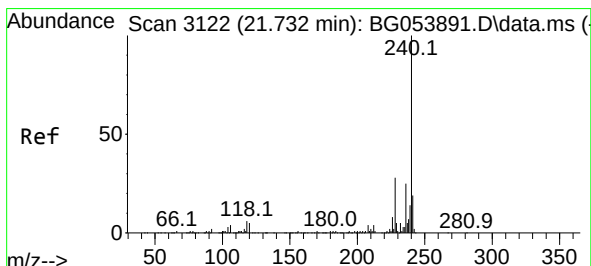
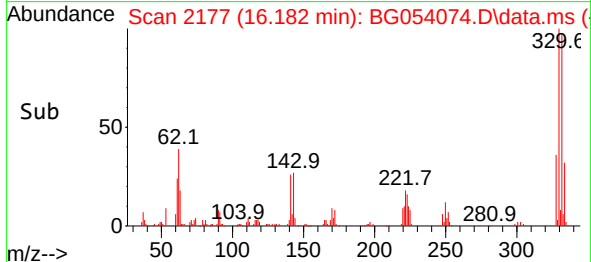
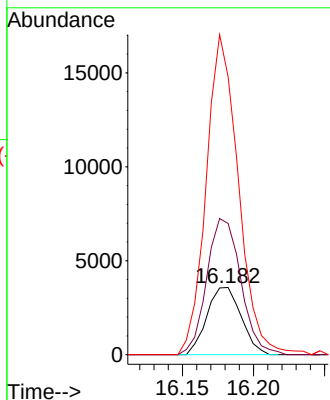
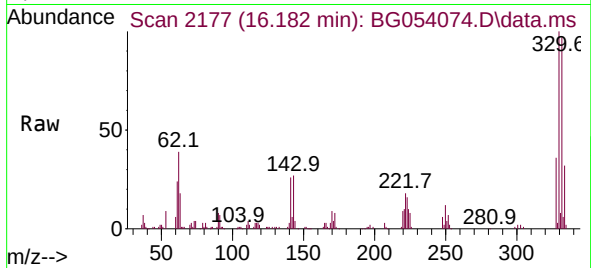




#67
4-Bromophenyl-phenylether
Concen: 2.645 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.443 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

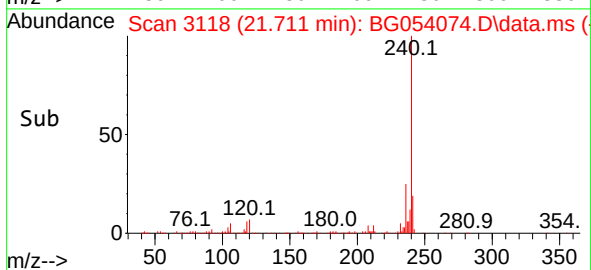
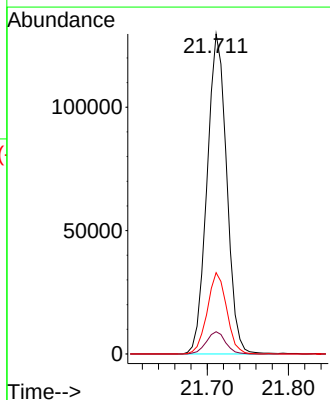
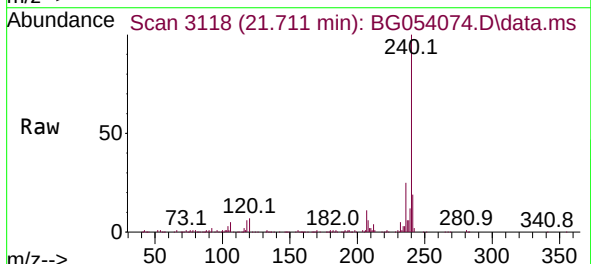
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623

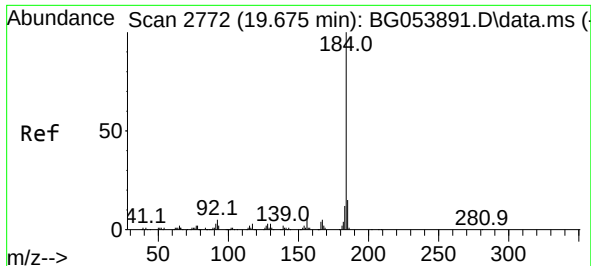
Tgt Ion:248 Resp: 5992
Ion Ratio Lower Upper
248 100
250 261.5 75.2 112.8#
141 413.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

Tgt Ion:240 Resp: 217948
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.4 20.2 30.4

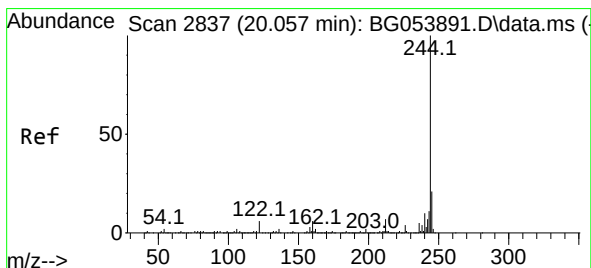
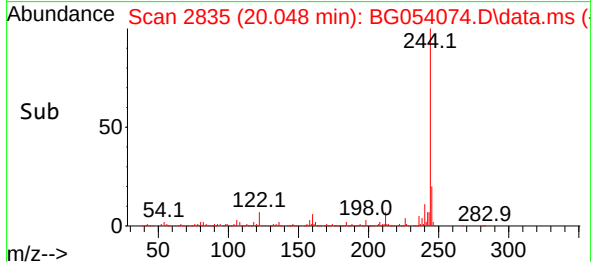
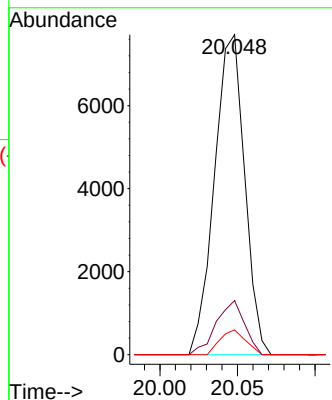
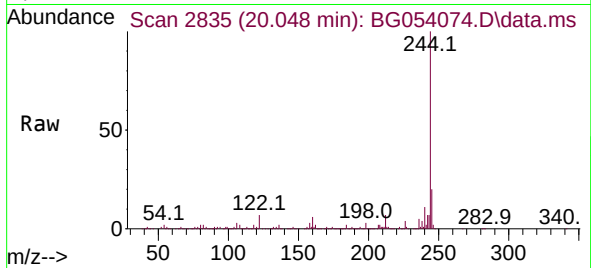




#77
Benzidine
Concen: 2.311 ng
RT: 20.048 min Scan# 2835
Delta R.T. 0.385 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

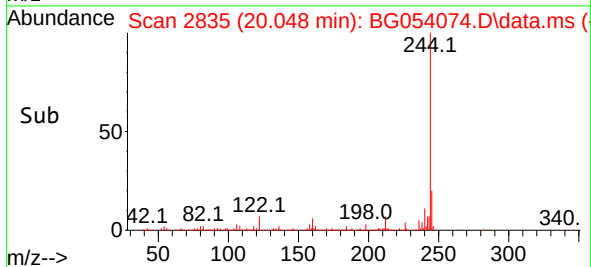
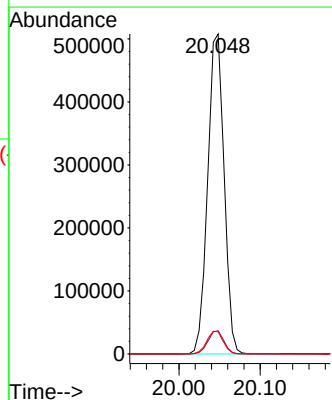
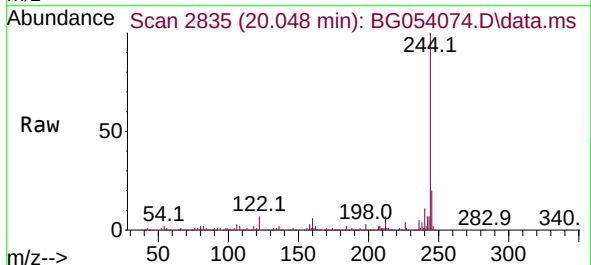
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623

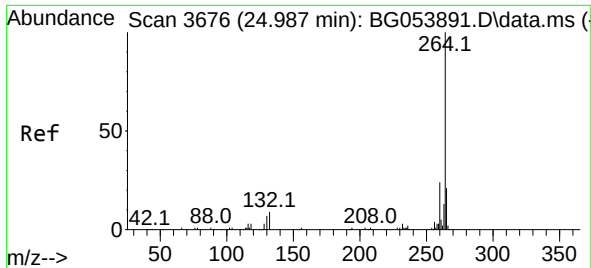
Tgt Ion:184 Resp: 10429
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 7.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 65.716 ng
RT: 20.048 min Scan# 2835
Delta R.T. 0.004 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

Tgt Ion:244 Resp: 711123
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 7.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.966 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG054074.D
Acq: 26 Jun 2022 15:58

Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623

Tgt Ion:264 Resp: 216231

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.5	17.4	26.2

