

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
 Data File : BG054213.D
 Acq On : 6 Jul 2022 10:04
 Operator : CG/JU
 Sample : PB146026BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146026BL

Quant Time: Jul 06 14:16:03 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)

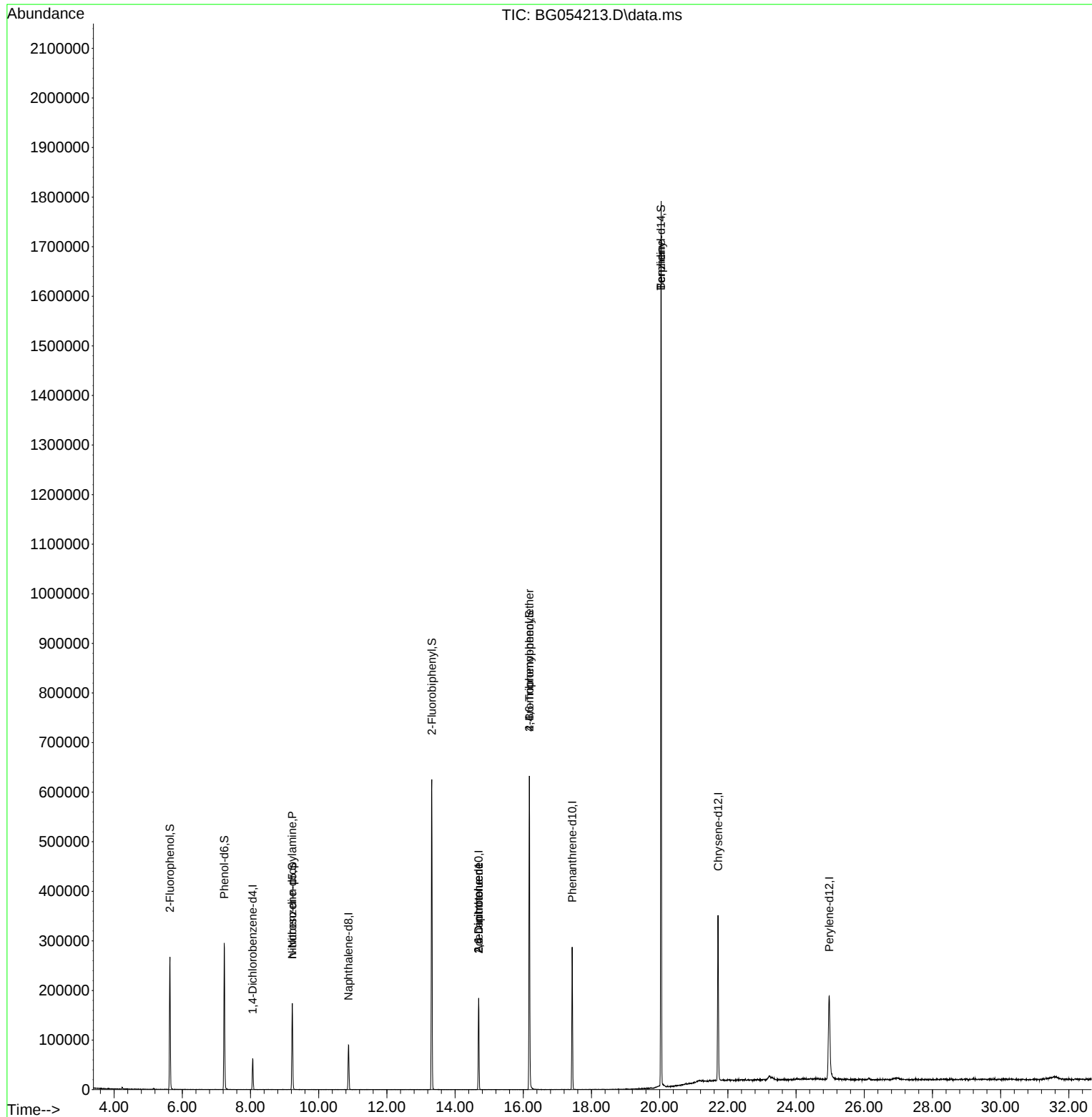
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	20338	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	86366	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	72831	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	205903	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	242268	20.000	ng	0.00
86) Perylene-d12	24.974	264	246356	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	124294	116.845	ng	0.00
7) Phenol-d6	7.230	99	179264	124.225	ng	0.00
23) Nitrobenzene-d5	9.228	82	113839	74.072	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	162106	138.533	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	376863	75.244	ng	0.00
79) Terphenyl-d14	20.045	244	1037963	86.290	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.228	70	15688	16.182	ng	# 77
51) 2,6-Dinitrotoluene	14.692	165	9964	8.891	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	9964	6.296	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	10156	3.949	ng	# 1
77) Benzidine	20.045	184	13775	2.746	ng	# 91

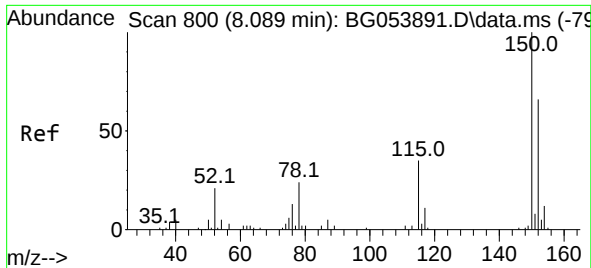
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
Data File : BG054213.D
Acq On : 6 Jul 2022 10:04
Operator : CG/JU
Sample : PB146026BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB146026BL

Quant Time: Jul 06 14:16:03 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

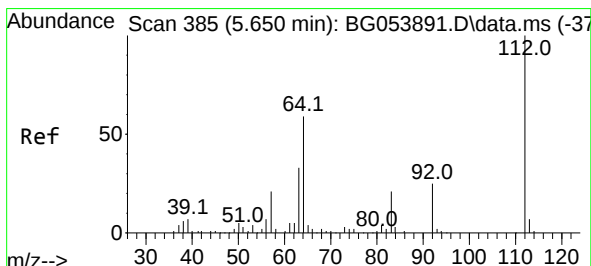
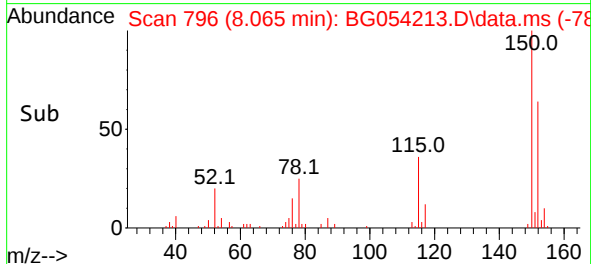
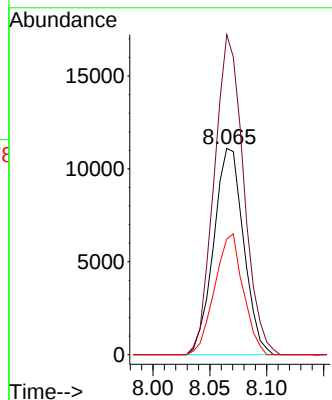
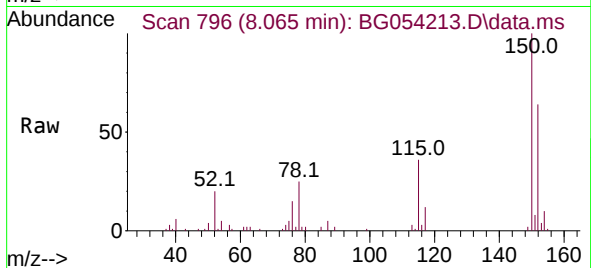




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

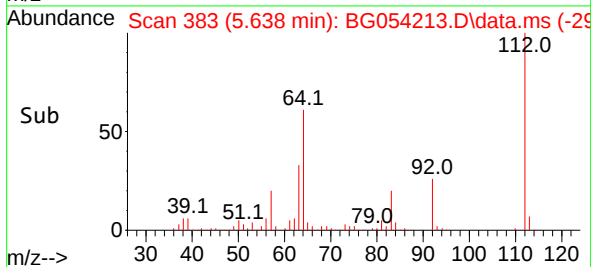
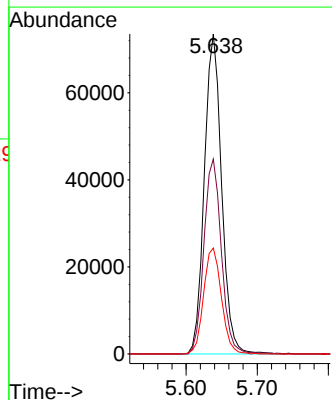
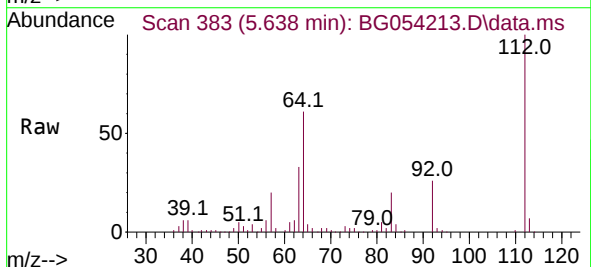
Instrument :
BNA_G
ClientSampleId :
PB146026BL

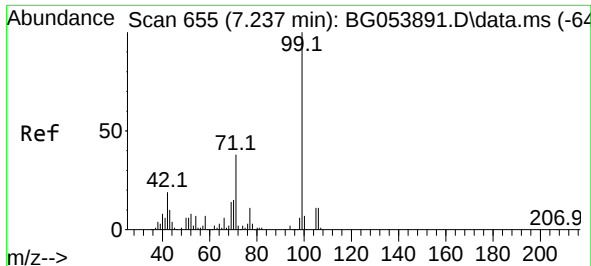
Tgt Ion:152 Resp: 20338
Ion Ratio Lower Upper
152 100
150 155.2 131.6 197.4
115 56.1 50.9 76.3



#5
2-Fluorophenol
Concen: 116.845 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

Tgt Ion:112 Resp: 124294
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 33.1 30.4 45.6

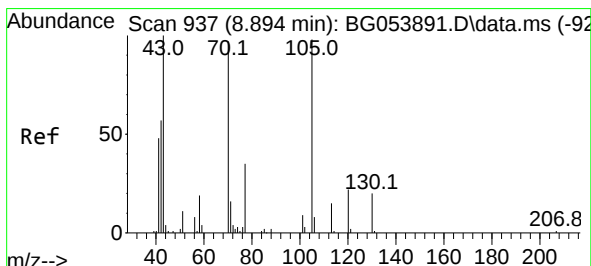
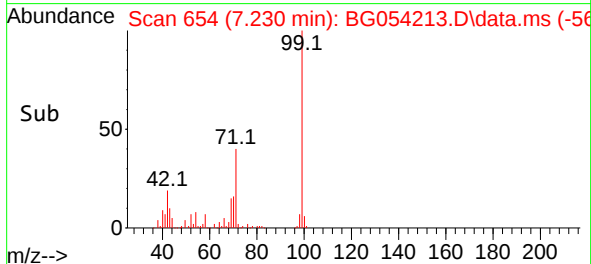
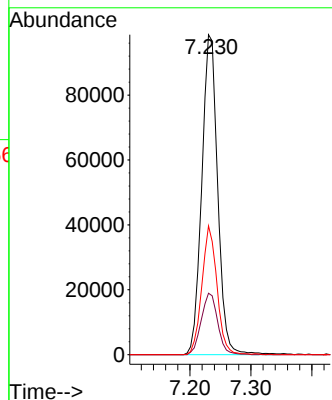
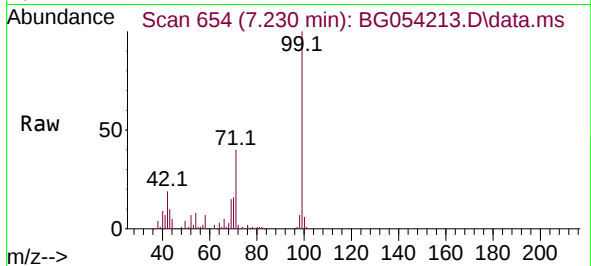




#7
Phenol-d6
Concen: 124.225 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

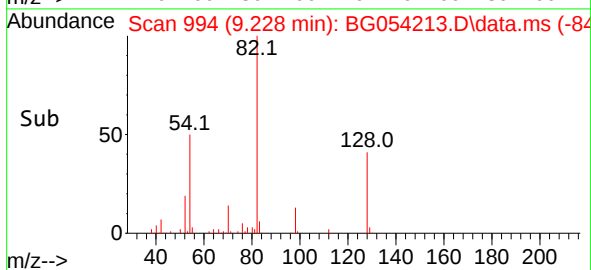
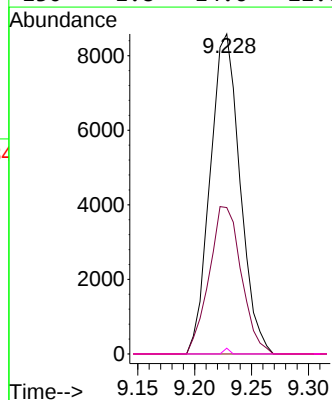
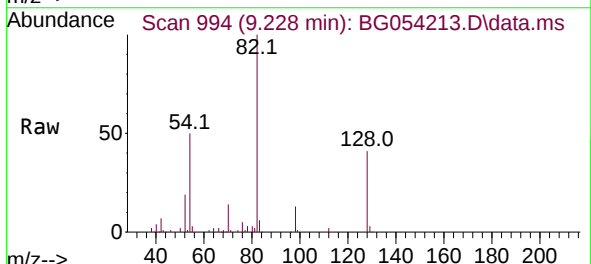
Instrument :
BNA_G
ClientSampleId :
PB146026BL

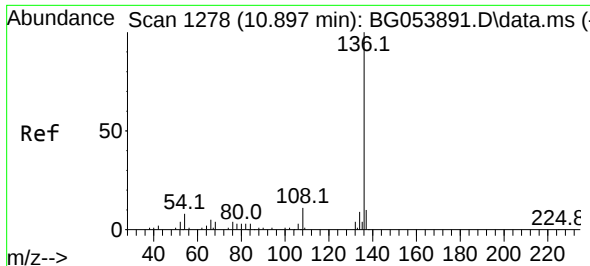
Tgt Ion: 99 Resp: 179264
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 40.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.182 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

Tgt Ion: 70 Resp: 15688
Ion Ratio Lower Upper
70 100
42 45.7 47.3 70.9#
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

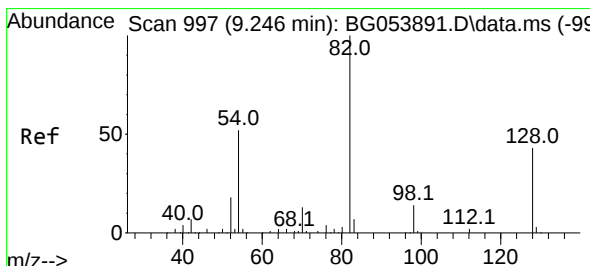
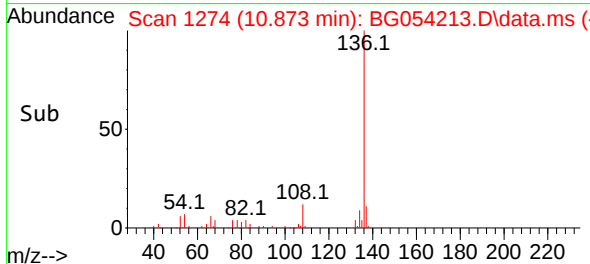
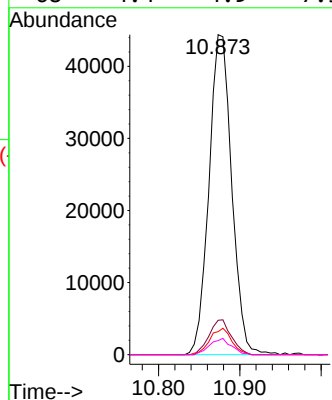
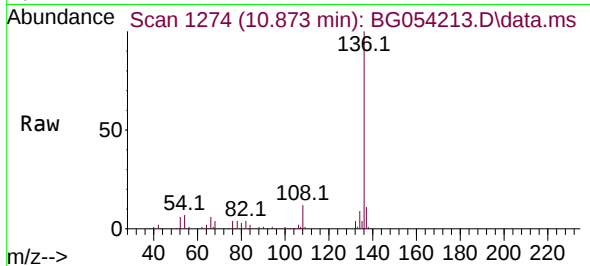




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

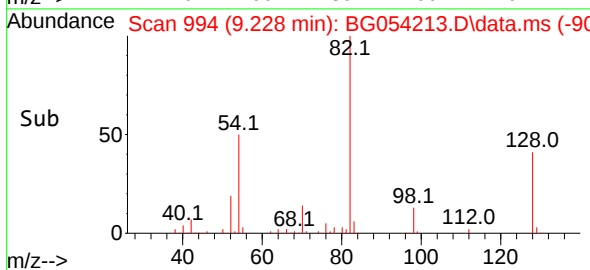
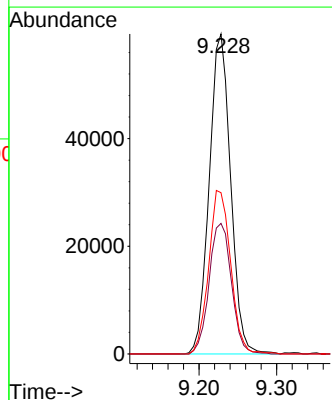
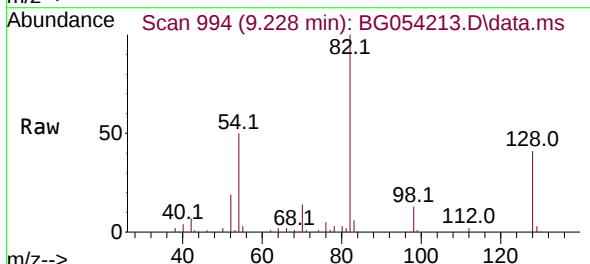
Instrument :
BNA_G
ClientSampleId :
PB146026BL

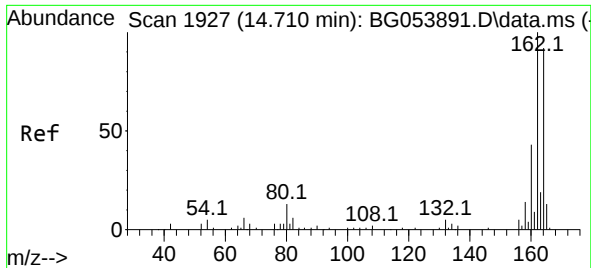
Tgt Ion:136	Resp:	86366
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.2	7.4 11.2#
68	4.4	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 74.072 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

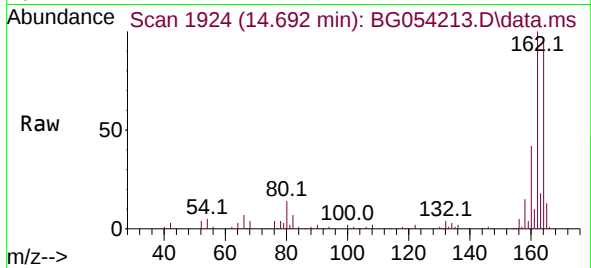
Tgt Ion: 82	Resp:	113839
Ion Ratio	Lower	Upper
82	100	
128	40.8	27.9 41.9
54	50.4	41.2 61.8



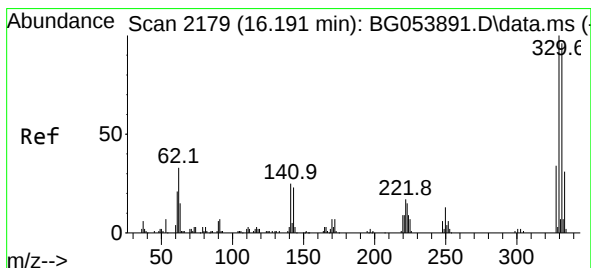
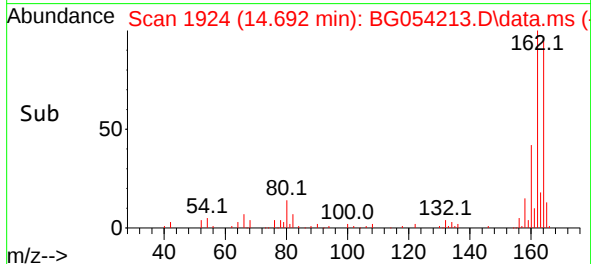
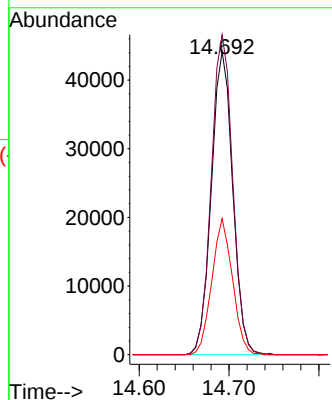


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

Instrument :
BNA_G
ClientSampleId :
PB146026BL

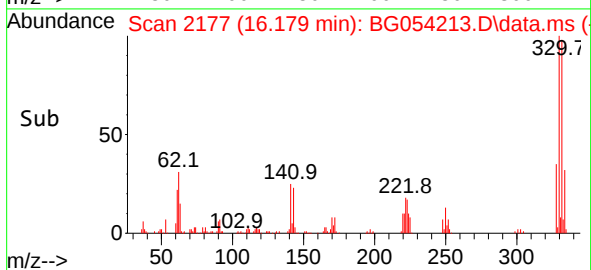
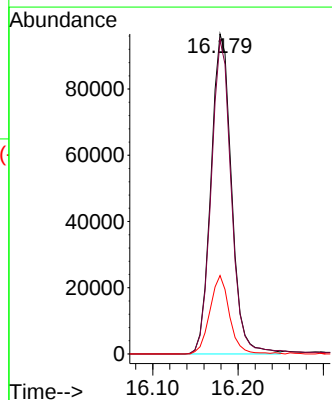
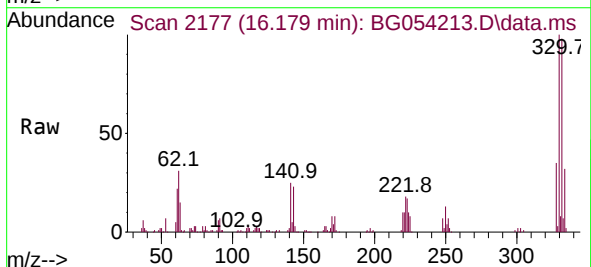


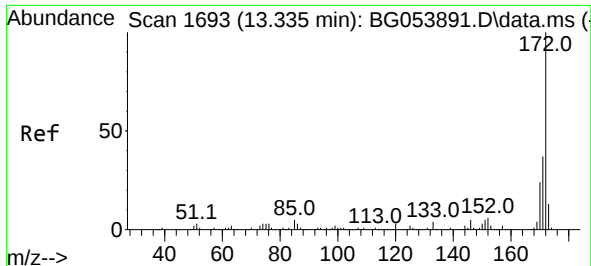
Tgt Ion:164 Resp: 72831
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 44.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 138.533 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

Tgt Ion:330 Resp: 162106
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 23.5 27.1 40.7#

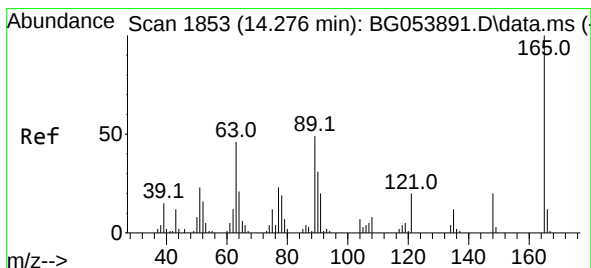
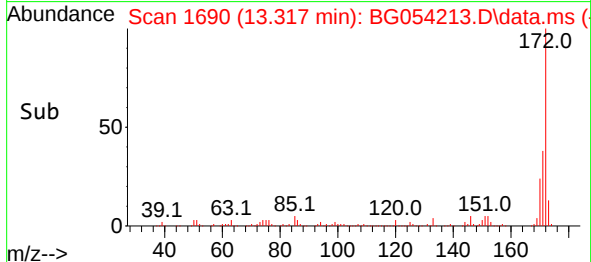
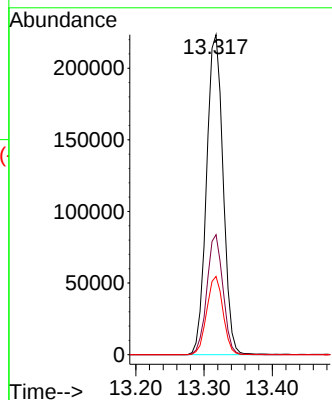
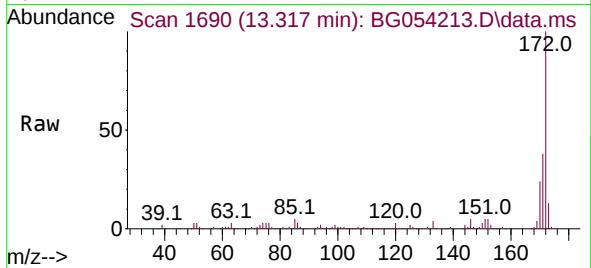




#45
2-Fluorobiphenyl
Concen: 75.244 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

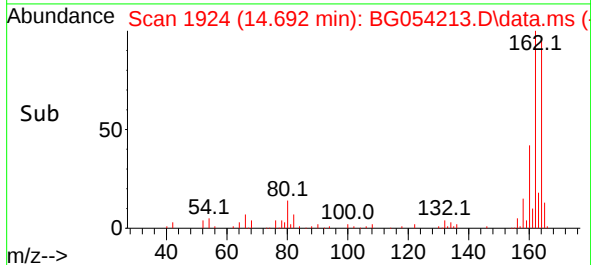
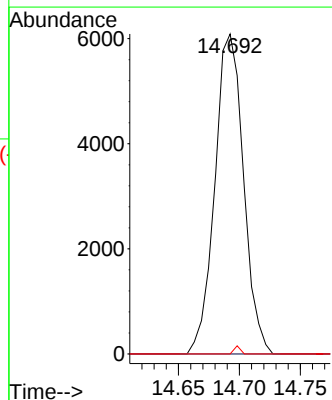
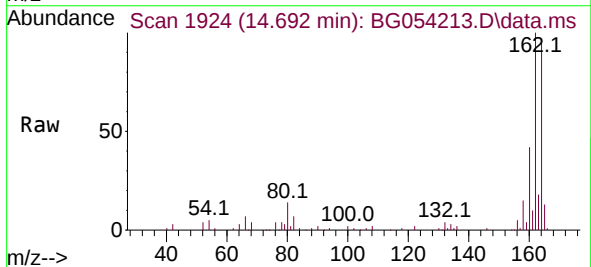
Instrument :
BNA_G
ClientSampleId :
PB146026BL

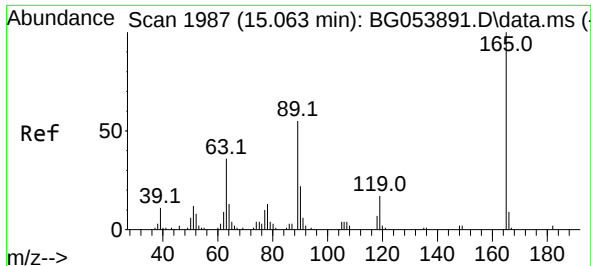
Tgt Ion:172 Resp: 376863
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.891 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.429 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

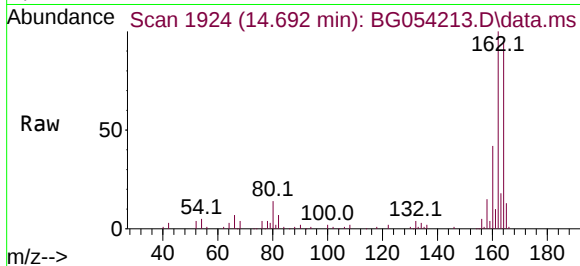
Tgt Ion:165 Resp: 9964
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



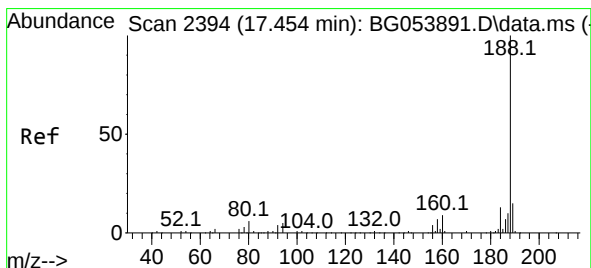
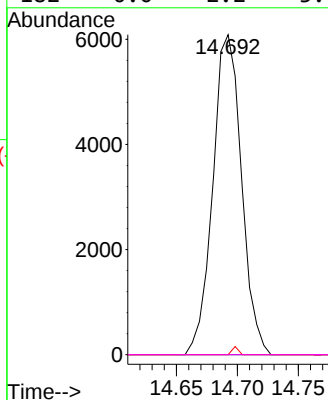
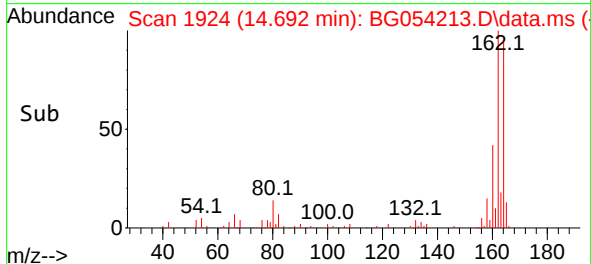


#57
2,4-Dinitrotoluene
Concen: 6.296 ng
RT: 14.692 min Scan# 1987
Delta R.T. -0.358 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

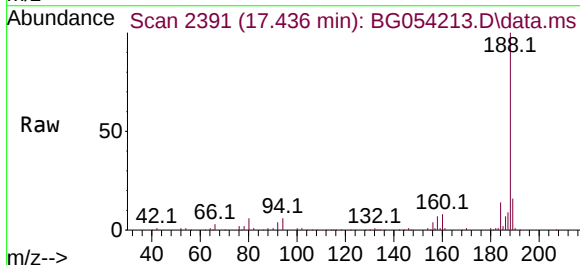
Instrument :
BNA_G
ClientSampleId :
PB146026BL



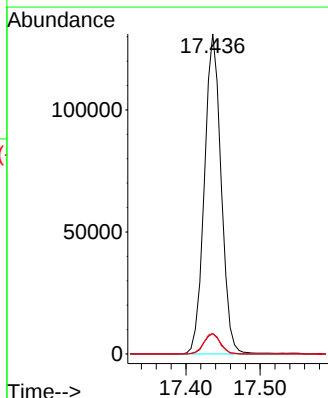
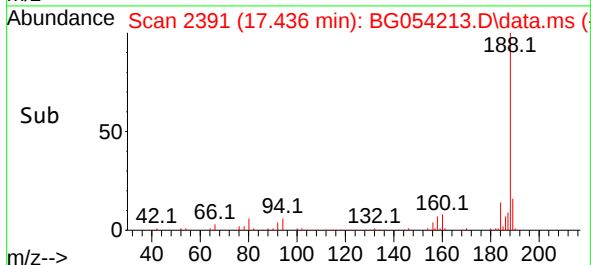
Tgt Ion:165 Resp: 9964
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

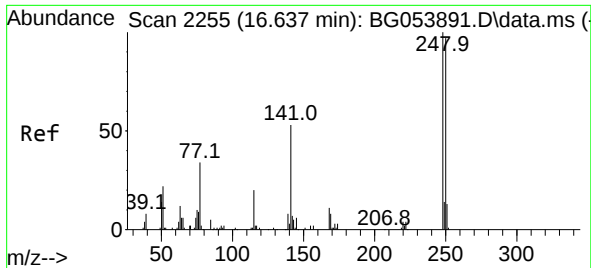


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04



Tgt Ion:188 Resp: 205903
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 6.4 6.8 10.2#

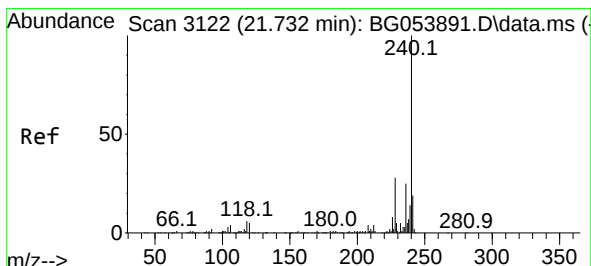
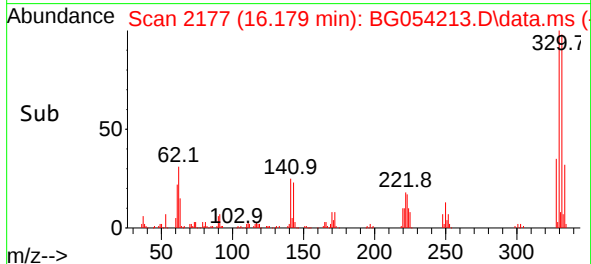
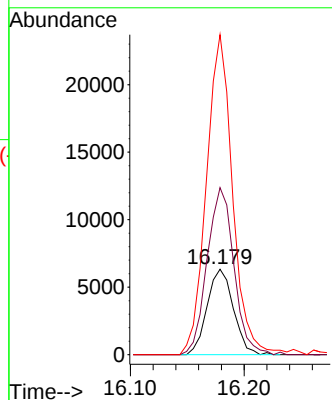
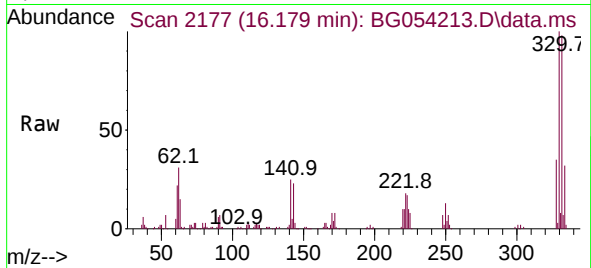




#67
4-Bromophenyl-phenylether
Concen: 3.949 ng
RT: 16.179 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

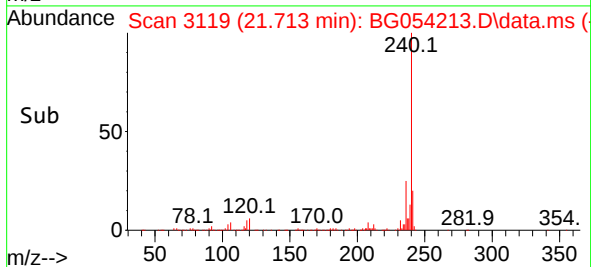
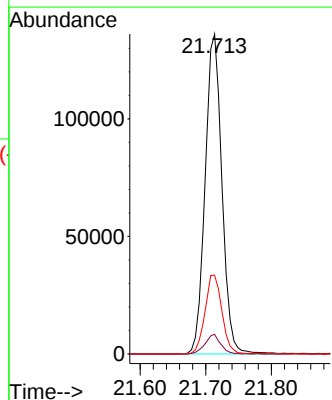
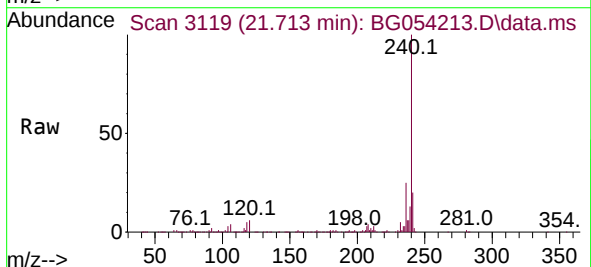
Instrument :
BNA_G
ClientSampleId :
PB146026BL

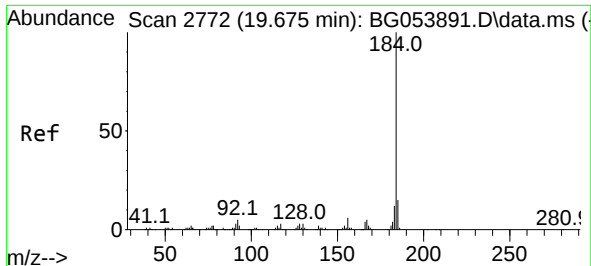
Tgt Ion:248 Resp: 10156
Ion Ratio Lower Upper
248 100
250 195.3 75.2 112.8#
141 374.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

Tgt Ion:240 Resp: 242268
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.6 20.2 30.4

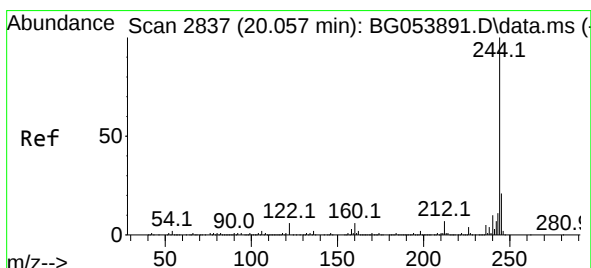
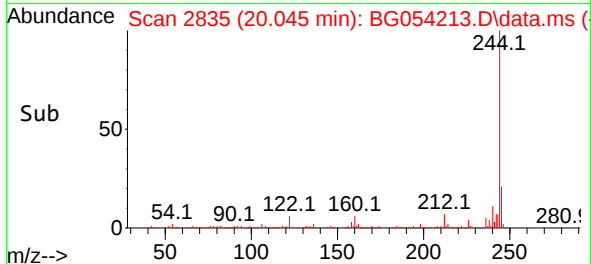
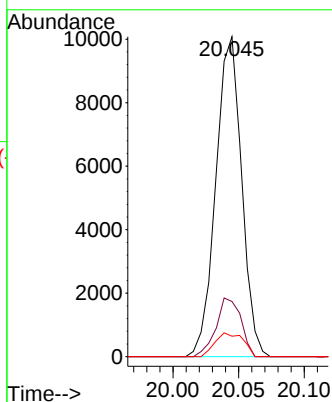
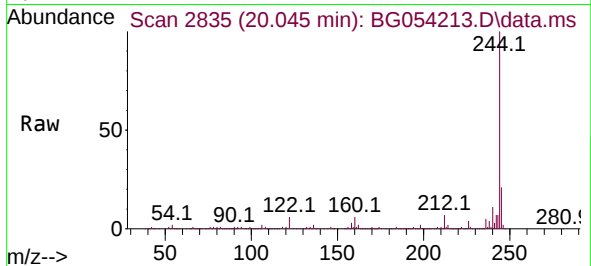




#77
Benzidine
Concen: 2.746 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.382 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

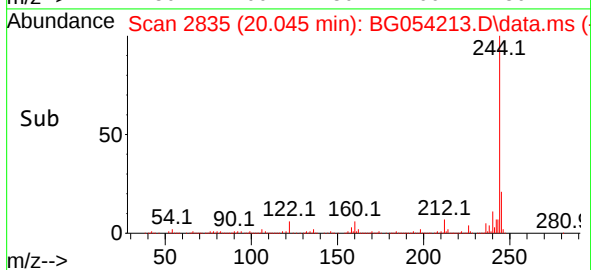
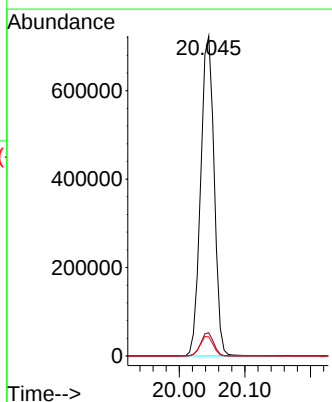
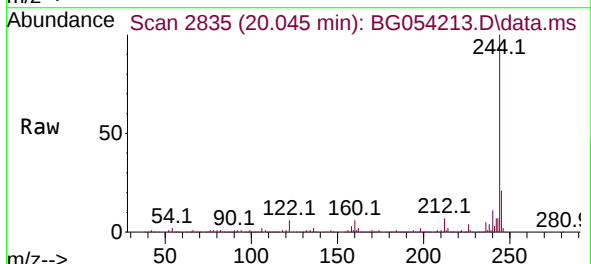
Instrument :
BNA_G
ClientSampleId :
PB146026BL

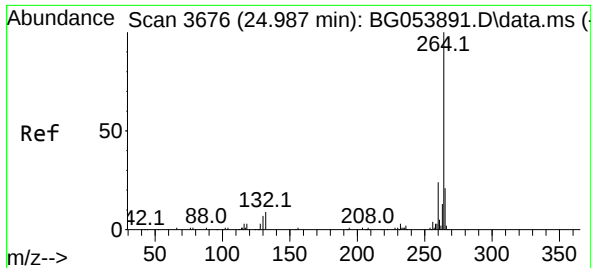
Tgt Ion:184 Resp: 13775
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 6.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 86.290 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BG054213.D
Acq: 6 Jul 2022 10:04

Tgt Ion:244 Resp: 1037963
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 6.0 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: BG054213.D
 Acq: 6 Jul 2022 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB146026BL

Tgt Ion:264 Resp: 246356
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 22.0 17.4 26.2

