

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053053.D
 Acq On : 6 Apr 2022 13:41
 Operator : CG/JU
 Sample : PB143823TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143823TB

Quant Time: Apr 06 14:40:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

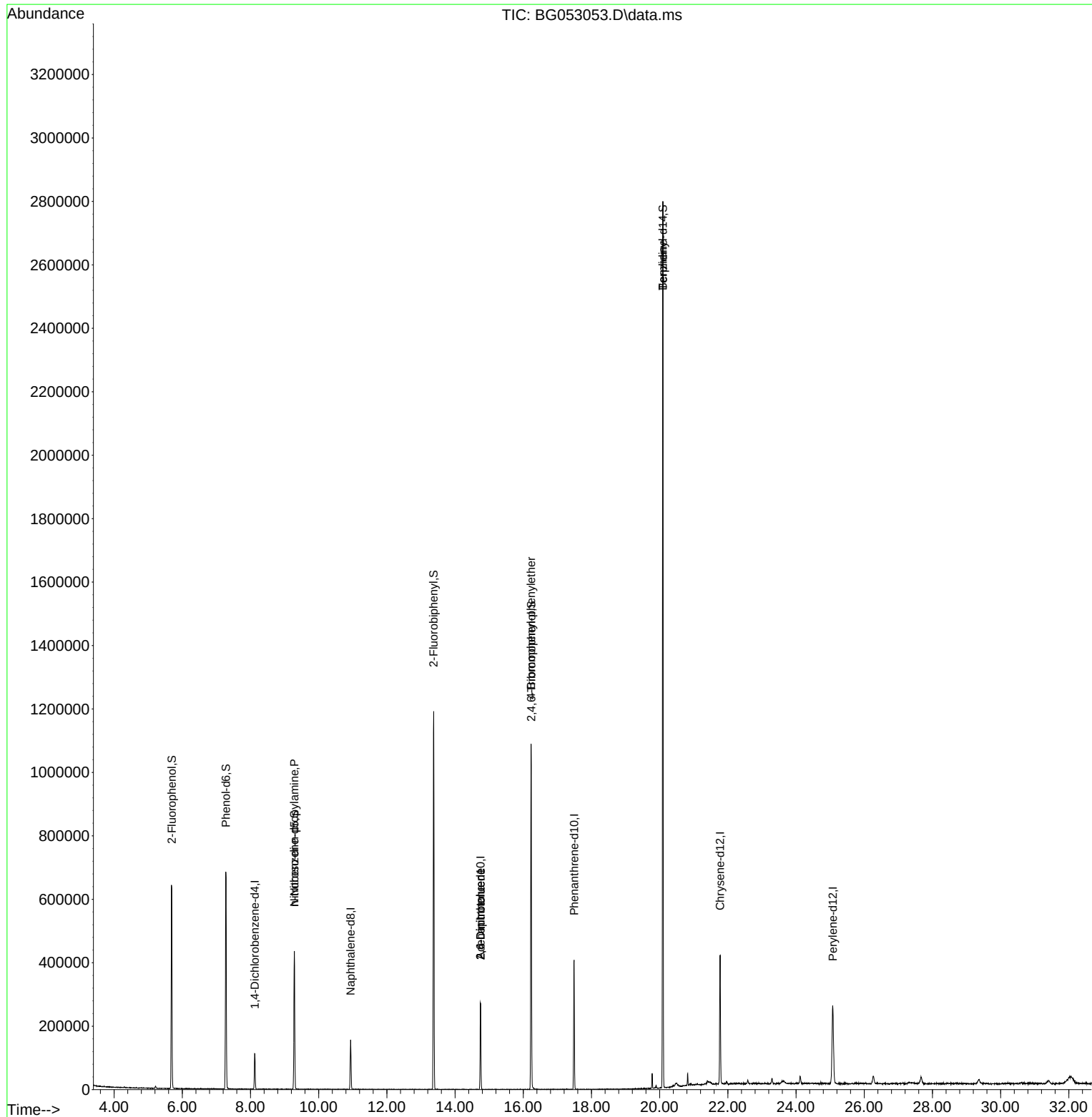
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	30269	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	124255	20.000	ng	# 0.00
39) Acenaphthene-d10	14.749	164	99100	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	263888	20.000	ng	0.00
76) Chrysene-d12	21.775	240	272702	20.000	ng	0.00
86) Perylene-d12	25.076	264	265747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	259545	149.328	ng	0.00
7) Phenol-d6	7.277	99	379093	144.673	ng	0.00
23) Nitrobenzene-d5	9.286	82	269872	109.009	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	214835	161.331	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	626436	93.229	ng	0.00
79) Terphenyl-d14	20.094	244	1387436	90.503	ng	0.00
Target Compounds						
9) Benzaldehyde	7.282	77	780	Below Cal		Qvalue # 5
19) n-Nitroso-di-n-propyla...	9.286	70	37948	20.448	ng	# 86
51) 2,6-Dinitrotoluene	14.749	165	13223	10.634	ng	# 24
57) 2,4-Dinitrotoluene	14.749	165	13223	7.664	ng	# 22
67) 4-Bromophenyl-phenylether	16.229	248	14334	4.505	ng	# 1
77) Benzidine	20.094	184	24757	3.520	ng	# 89

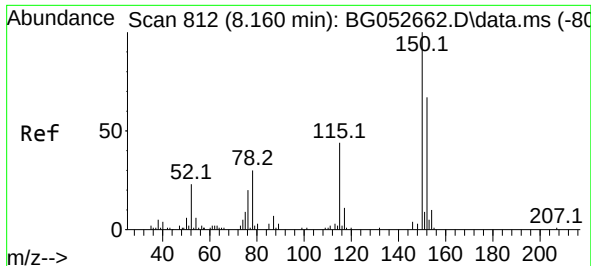
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053053.D
Acq On : 6 Apr 2022 13:41
Operator : CG/JU
Sample : PB143823TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143823TB

Quant Time: Apr 06 14:40:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 14:35:39 2022
Response via : Initial Calibration

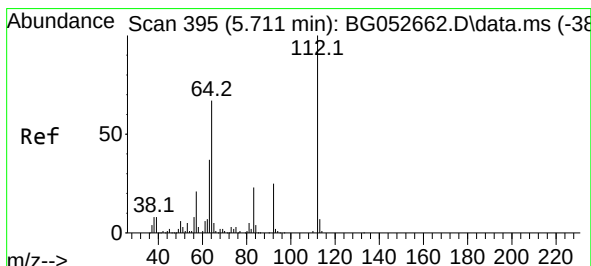
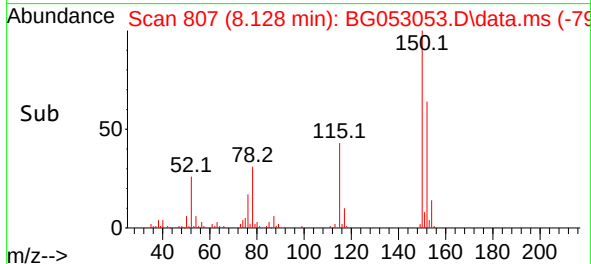
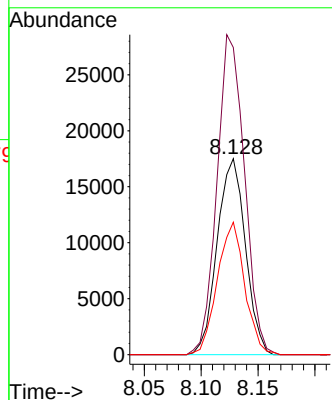
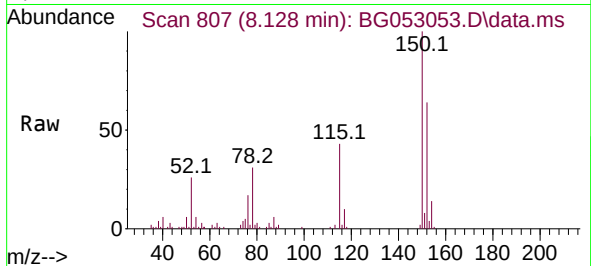




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

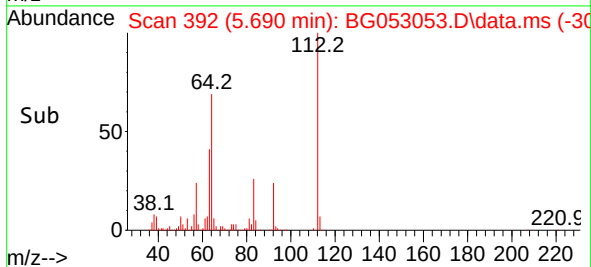
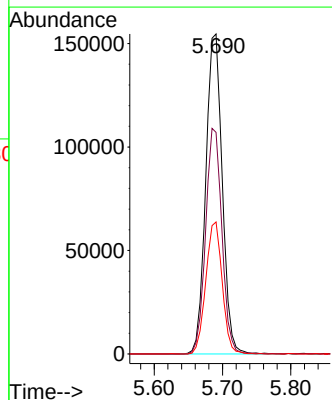
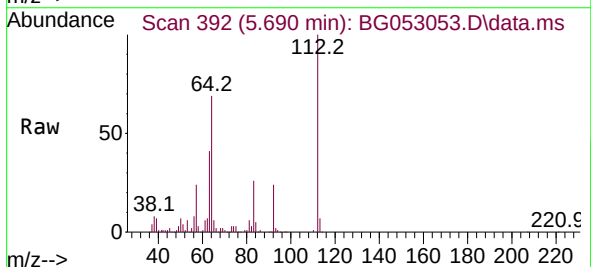
Instrument :
BNA_G
ClientSampleId :
PB143823TB

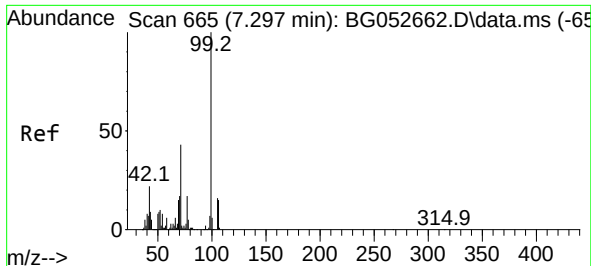
Tgt Ion:152 Resp: 30269
Ion Ratio Lower Upper
152 100
150 156.8 114.6 172.0
115 67.6 45.9 68.9



#5
2-Fluorophenol
Concen: 149.328 ng
RT: 5.690 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Tgt Ion:112 Resp: 259545
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 41.3 26.5 39.7#

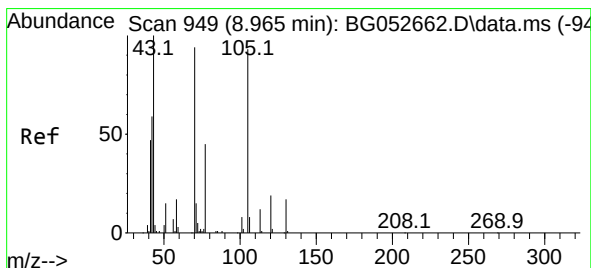
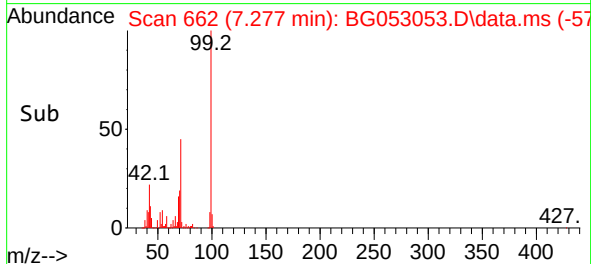
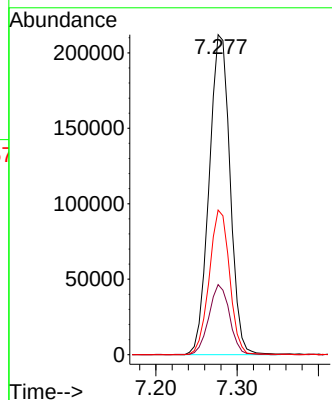
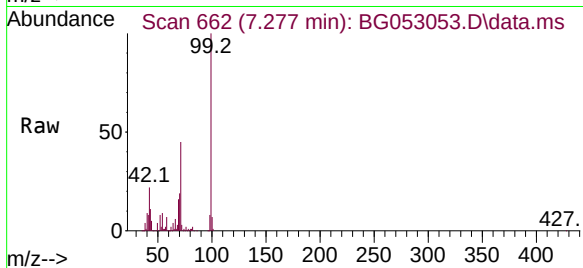




#7
Phenol-d6
Concen: 144.673 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

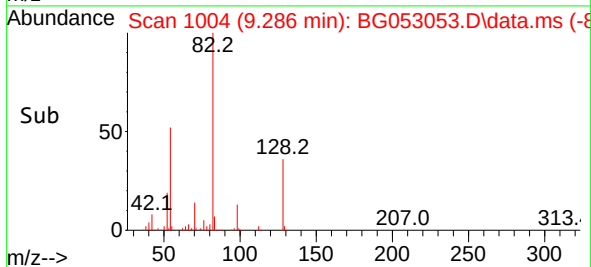
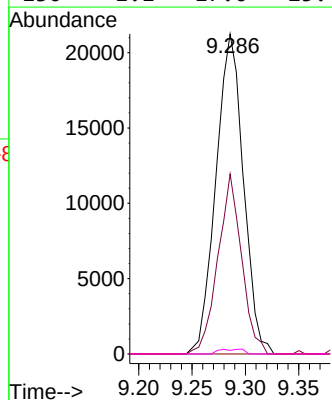
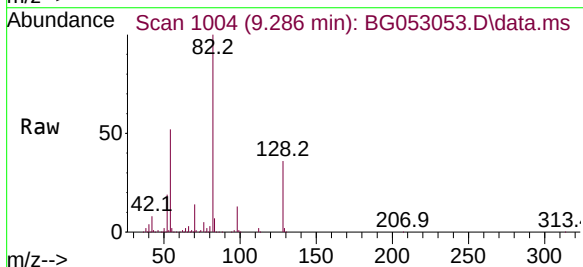
Instrument :
BNA_G
ClientSampleId :
PB143823TB

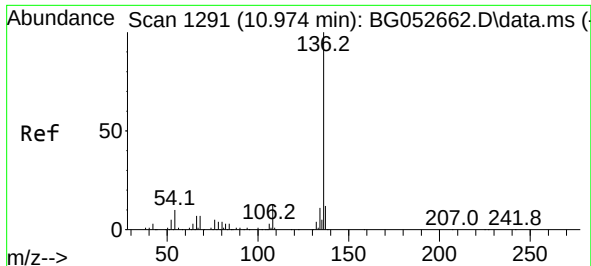
Tgt Ion: 99 Resp: 379093
Ion Ratio Lower Upper
99 100
42 21.9 14.7 22.1
71 45.2 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.448 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.359 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Tgt Ion: 70 Resp: 37948
Ion Ratio Lower Upper
70 100
42 56.3 46.0 69.0
101 0.0 6.2 9.4#
130 1.1 17.0 25.4#

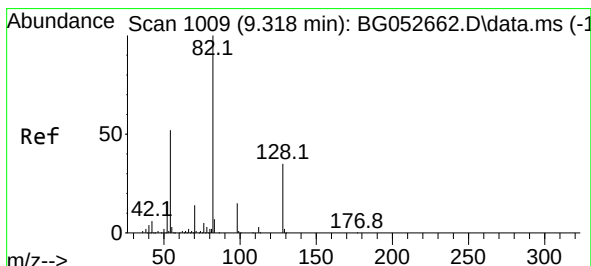
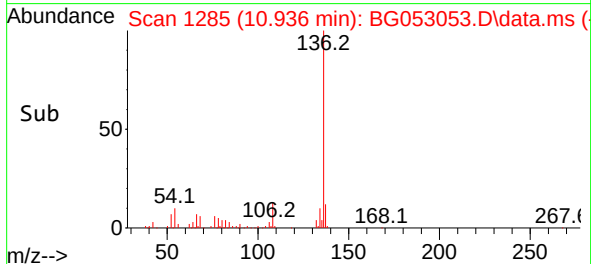
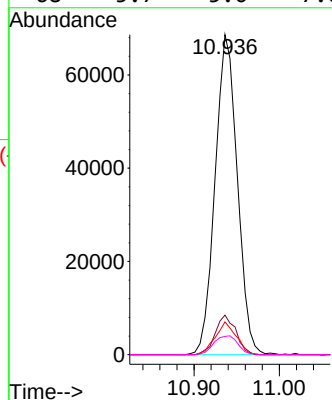
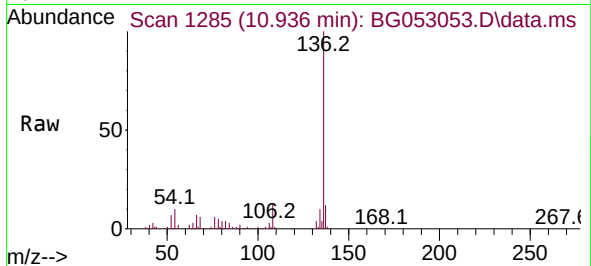




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

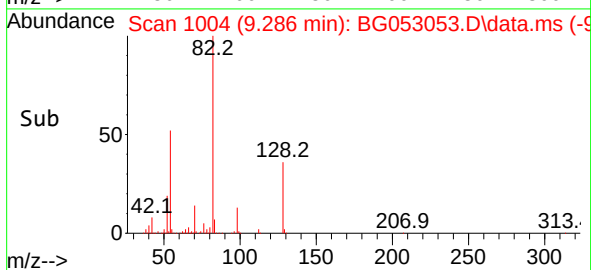
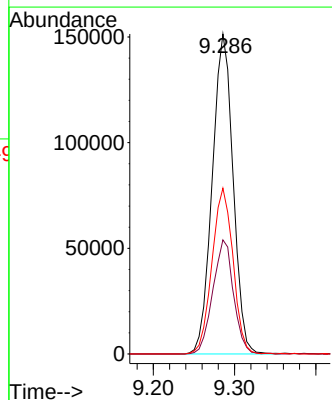
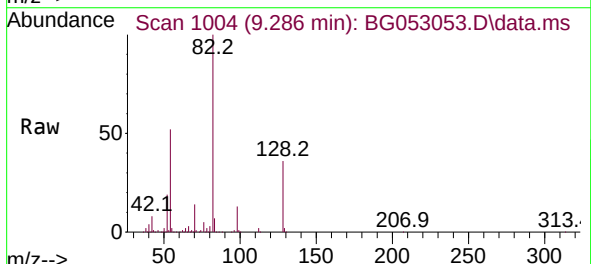
Instrument :
BNA_G
ClientSampleId :
PB143823TB

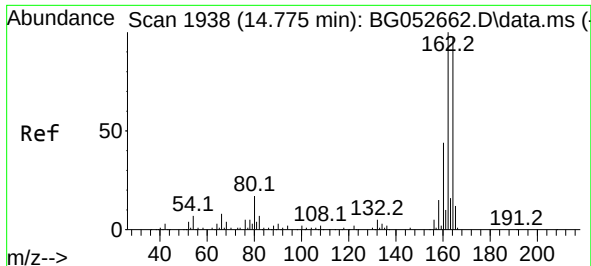
Tgt Ion:136 Resp: 124255
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.2
54 10.3 6.4 9.6#
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 109.009 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.005 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

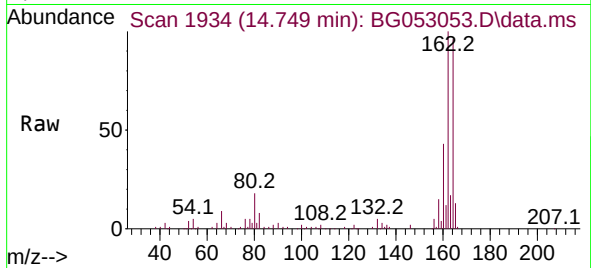
Tgt Ion: 82 Resp: 269872
Ion Ratio Lower Upper
82 100
128 35.7 31.3 46.9
54 51.8 37.8 56.8



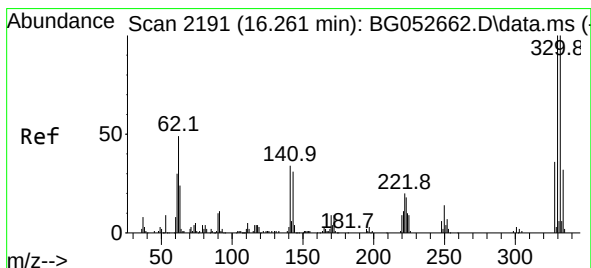
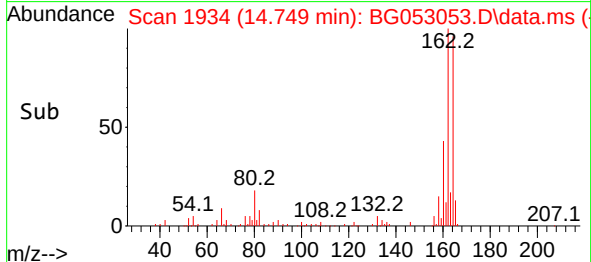
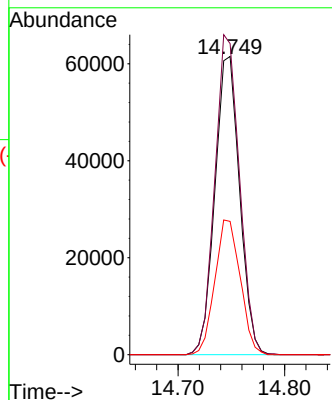


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.749 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Instrument :
BNA_G
ClientSampleId :
PB143823TB

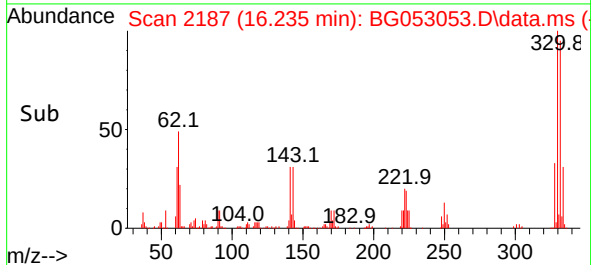
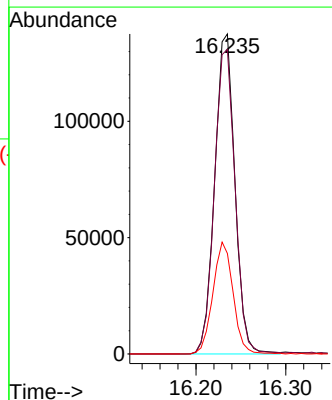
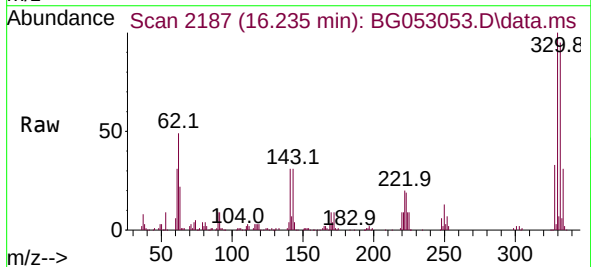


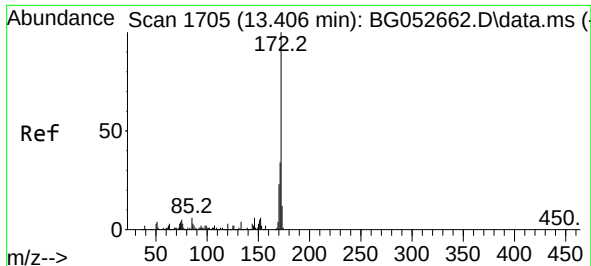
Tgt Ion:164 Resp: 99100
Ion Ratio Lower Upper
164 100
162 104.3 80.0 120.0
160 44.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 161.331 ng
RT: 16.235 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Tgt Ion:330 Resp: 214835
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 35.0 24.6 36.8

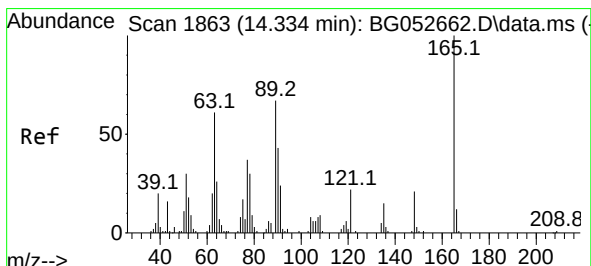
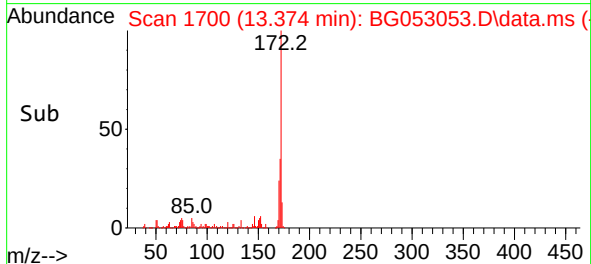
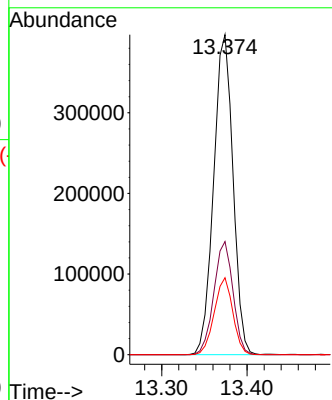
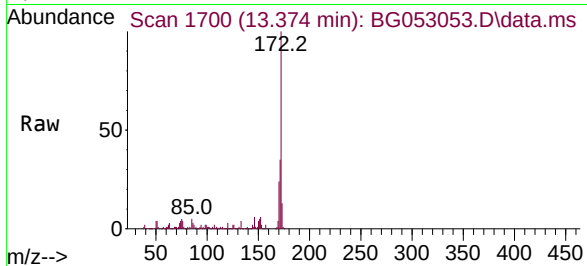




#45
2-Fluorobiphenyl
Concen: 93.229 ng
RT: 13.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

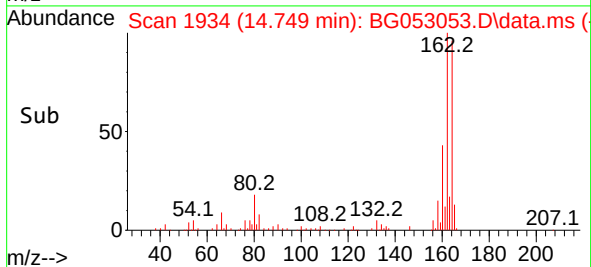
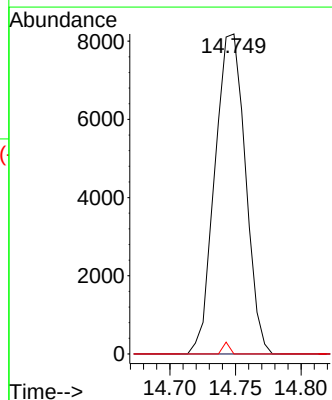
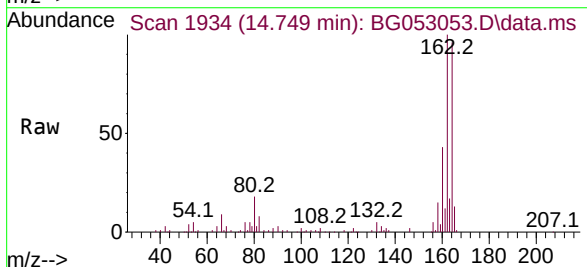
Instrument :
BNA_G
ClientSampleId :
PB143823TB

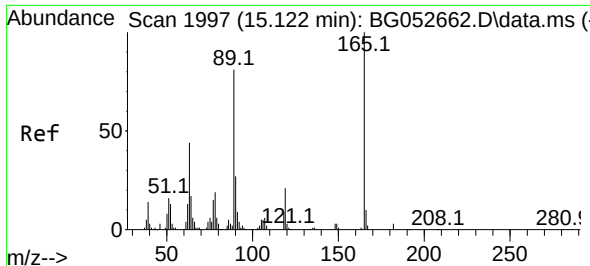
Tgt Ion:172 Resp: 626436
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.0 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.634 ng
RT: 14.749 min Scan# 1934
Delta R.T. 0.435 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Tgt Ion:165 Resp: 13223
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

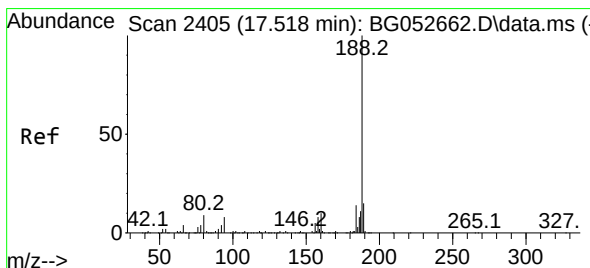
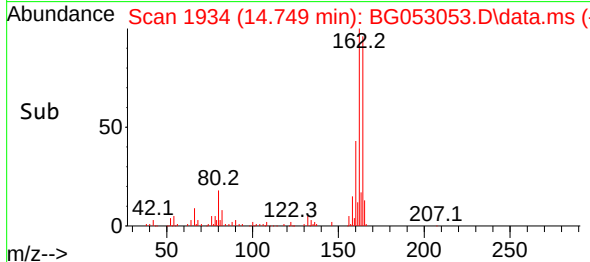
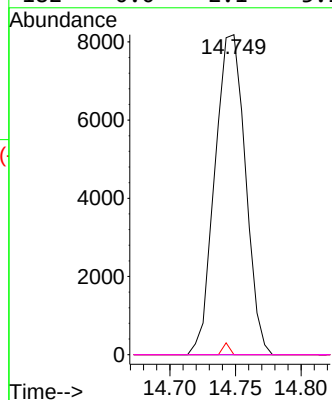
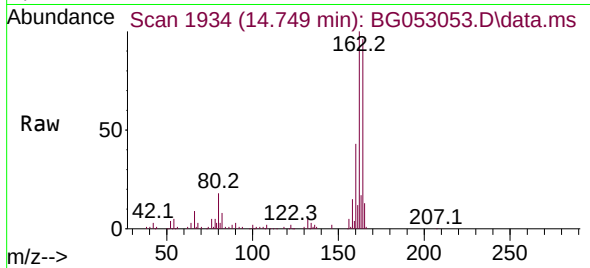




#57
2,4-Dinitrotoluene
Concen: 7.664 ng
RT: 14.749 min Scan# 1997
Delta R.T. -0.352 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

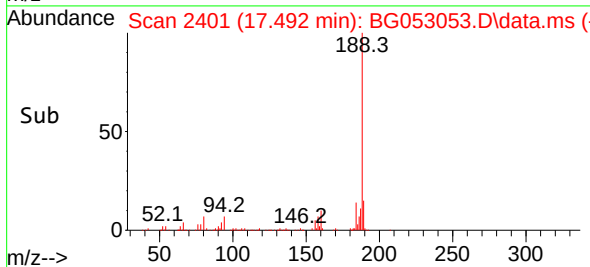
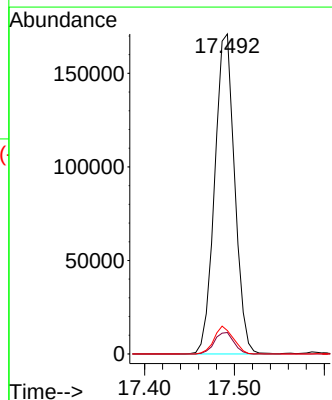
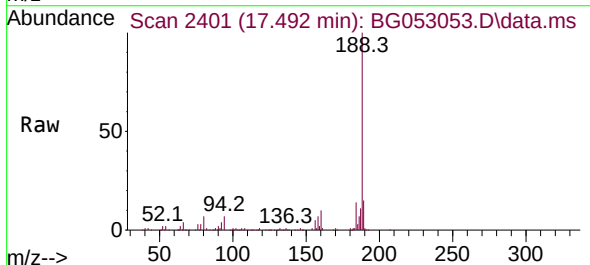
Instrument :
BNA_G
ClientSampleId :
PB143823TB

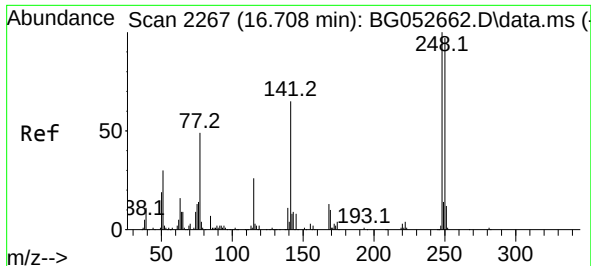
Tgt Ion:165 Resp: 13223
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Tgt Ion:188 Resp: 263888
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.3 7.2 10.8

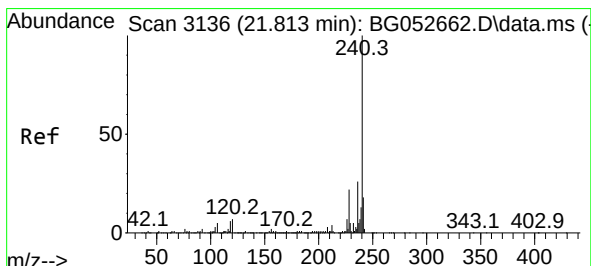
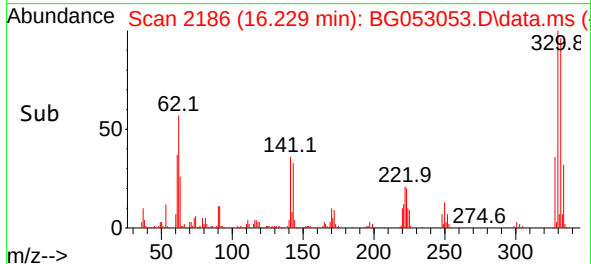
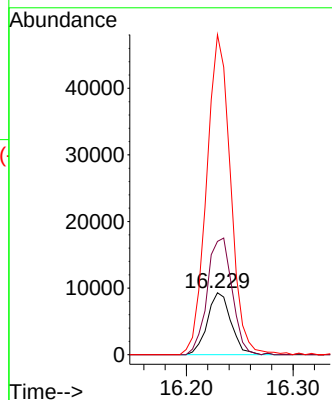
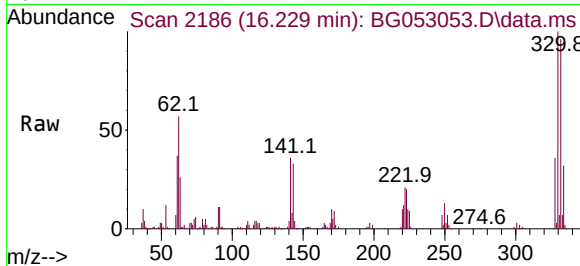




#67
4-Bromophenyl-phenylether
Concen: 4.505 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.446 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

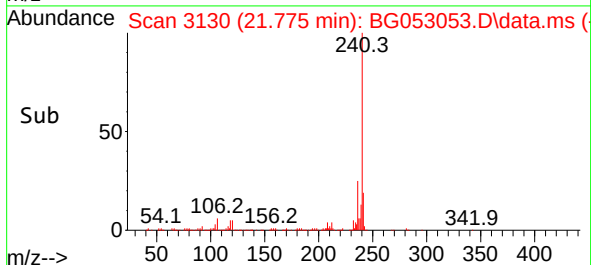
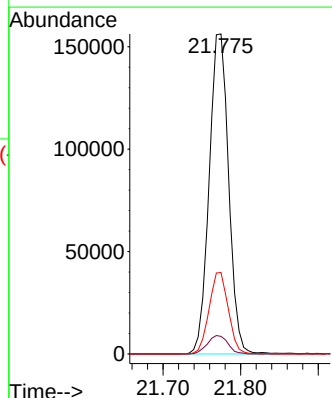
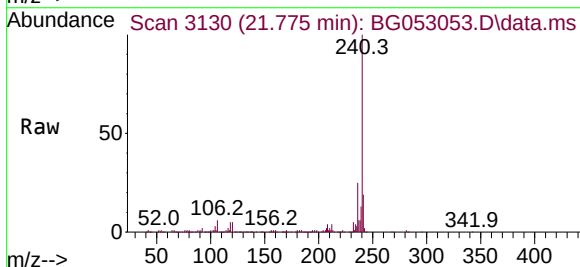
Instrument :
BNA_G
ClientSampleId :
PB143823TB

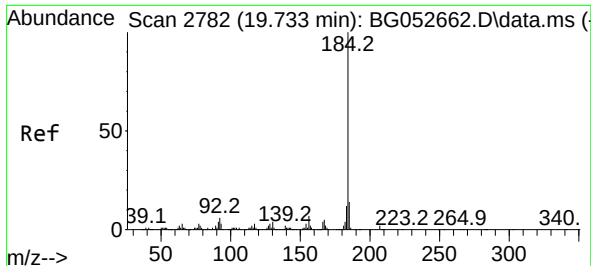
Tgt Ion:248 Resp: 14334
Ion Ratio Lower Upper
248 100
250 183.1 77.9 116.9#
141 517.0 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Tgt Ion:240 Resp: 272702
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 25.4 19.8 29.6

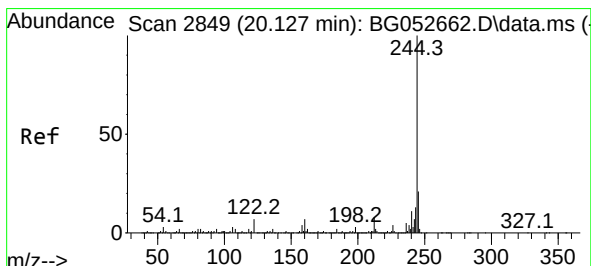
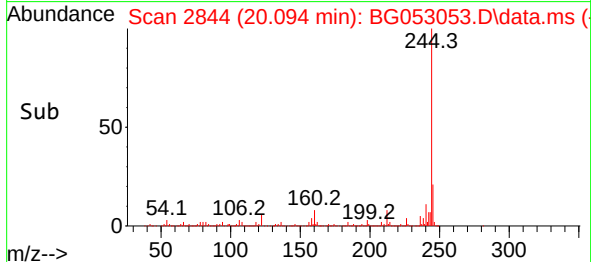
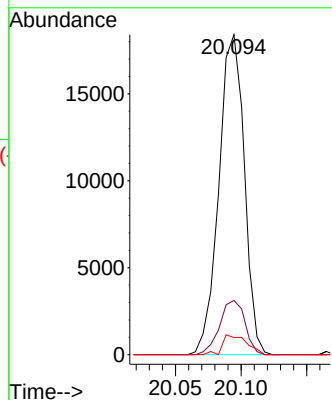
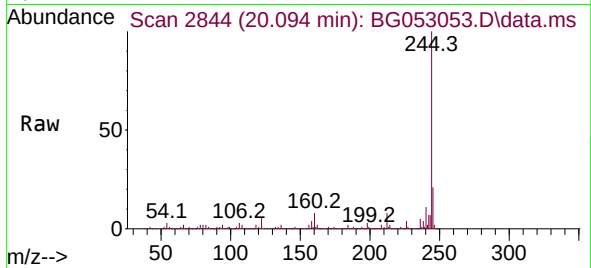




#77
Benzidine
Concen: 3.520 ng
RT: 20.094 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

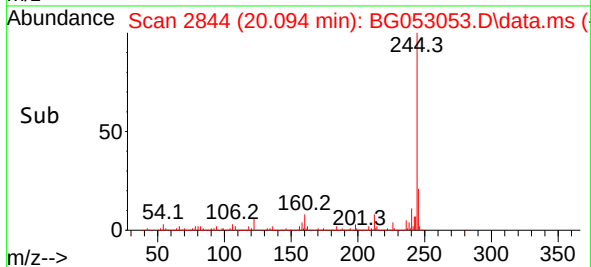
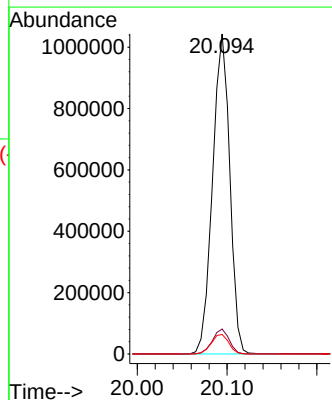
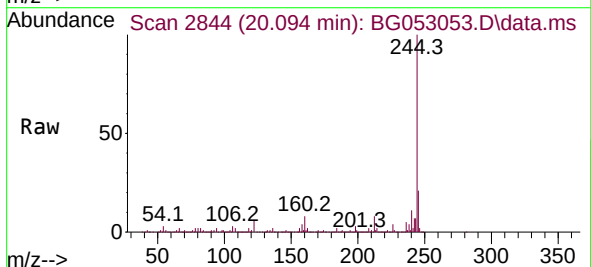
Instrument :
BNA_G
ClientSampleId :
PB143823TB

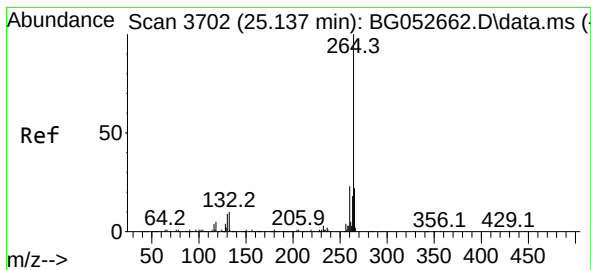
Tgt Ion:184 Resp: 24757
Ion Ratio Lower Upper
184 100
185 17.0 11.5 17.3
183 5.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 90.503 ng
RT: 20.094 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BG053053.D
Acq: 6 Apr 2022 13:41

Tgt Ion:244 Resp: 1387436
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.1 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.076 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG053053.D
 Acq: 6 Apr 2022 13:41

Instrument :
 BNA_G
 ClientSampleId :
 PB143823TB

Tgt Ion:264 Resp: 265747
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.2 27.2
 265 22.4 15.1 22.7

