

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053011.D
 Acq On : 4 Apr 2022 17:07
 Operator : CG/JU
 Sample : N2220-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB0331

Quant Time: Apr 05 01:07:13 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)

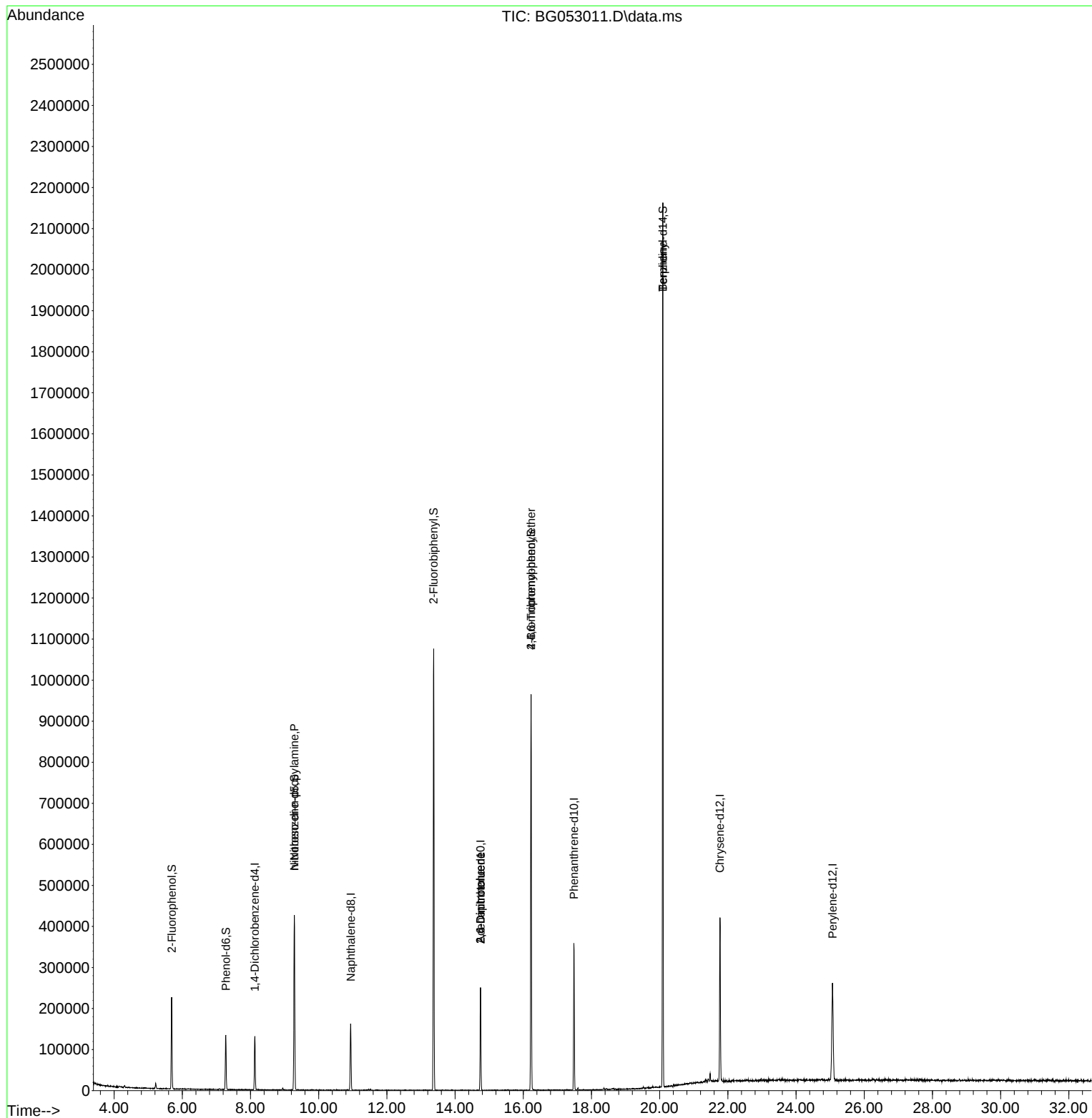
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	34925	20.000	ng	-0.02
21) Naphthalene-d8	10.942	136	132620	20.000	ng	#-0.02
39) Acenaphthene-d10	14.743	164	93648	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	226378	20.000	ng	-0.02
76) Chrysene-d12	21.769	240	258094	20.000	ng	-0.03
86) Perylene-d12	25.070	264	256813	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	93426	46.586	ng	0.00
7) Phenol-d6	7.277	99	73577	24.336	ng	-0.01
23) Nitrobenzene-d5	9.286	82	272051	102.958	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	187147	148.721	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	570306	89.817	ng	-0.02
79) Terphenyl-d14	20.095	244	1099998	75.815	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.265	77	143	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.286	70	38828	18.133	ng	# 78
51) 2,6-Dinitrotoluene	14.743	165	11764	10.011	ng	# 24
57) 2,4-Dinitrotoluene	14.743	165	11764	7.215	ng	# 22
67) 4-Bromophenyl-phenylether	16.229	248	11766	4.311	ng	# 1
77) Benzidine	20.095	184	20345	3.056	ng	# 92

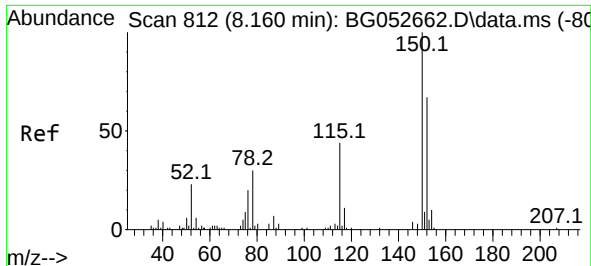
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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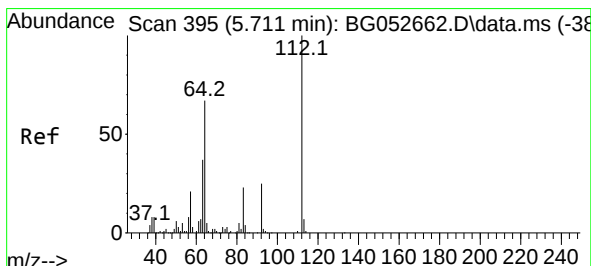
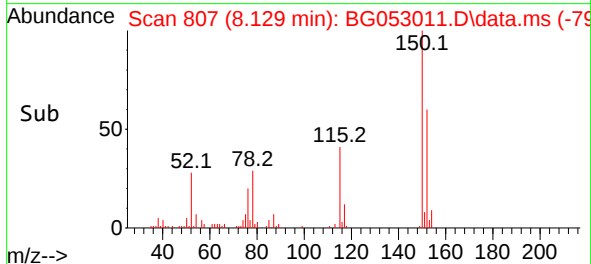
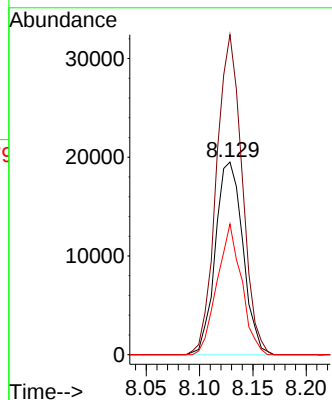
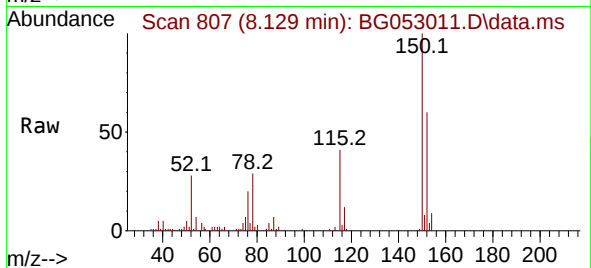




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

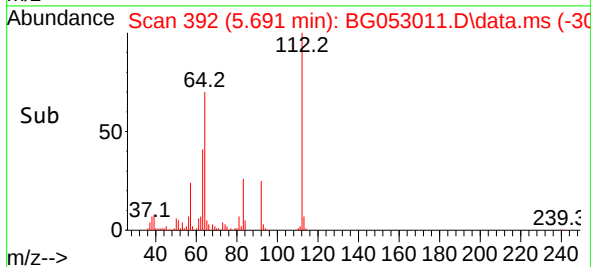
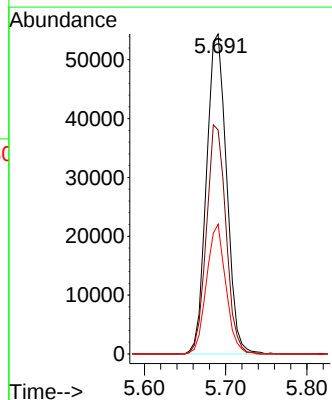
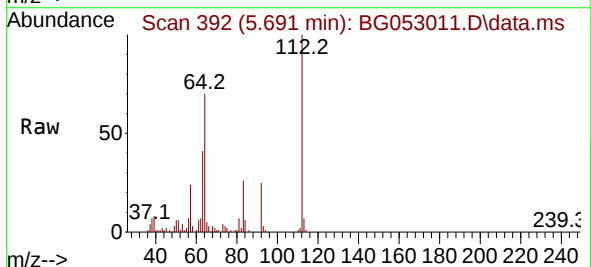
Instrument :
BNA_G
ClientSampleId :
FB0331

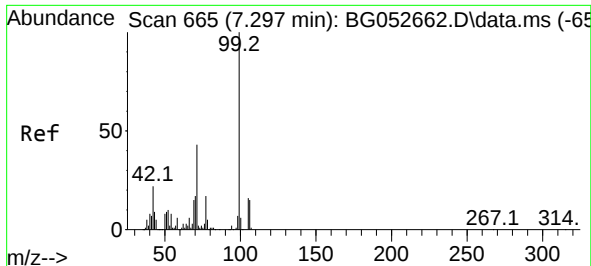
Tgt Ion:152 Resp: 34925
Ion Ratio Lower Upper
152 100
150 166.1 114.6 172.0
115 67.8 45.9 68.9



#5
2-Fluorophenol
Concen: 46.586 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Tgt Ion:112 Resp: 93426
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 40.6 26.5 39.7#

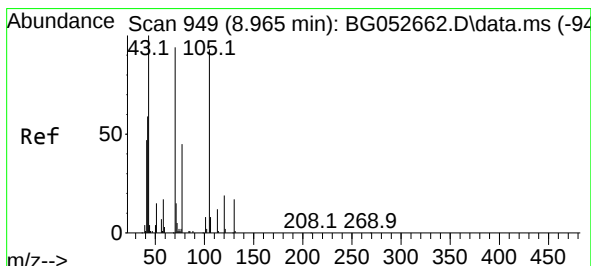
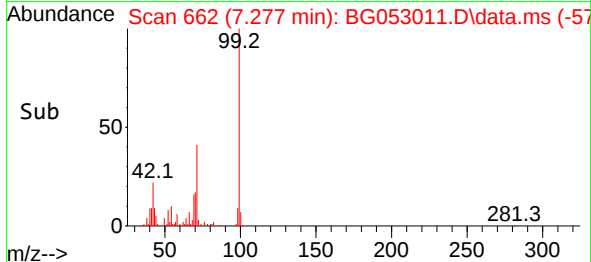
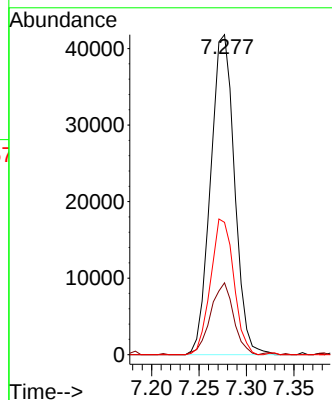
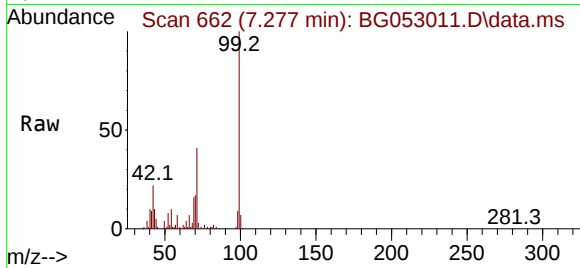




#7
Phenol-d6
Concen: 24.336 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

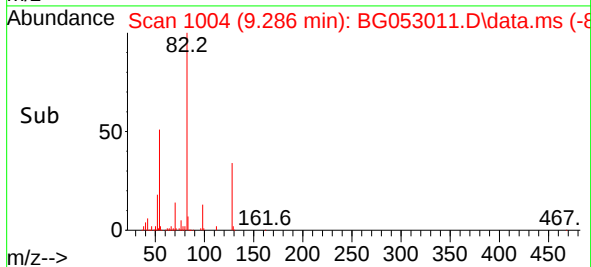
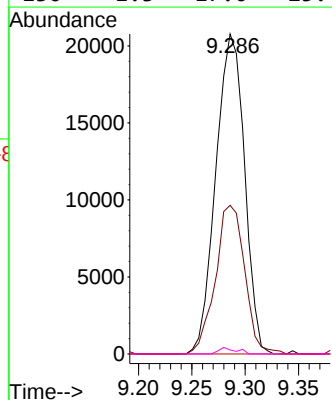
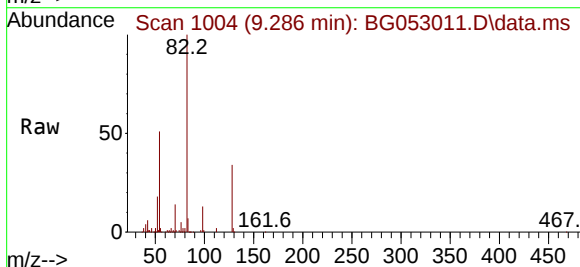
Instrument :
BNA_G
ClientSampleId :
FB0331

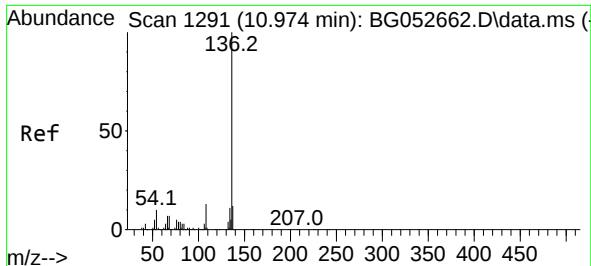
Tgt Ion: 99 Resp: 73577
Ion Ratio Lower Upper
99 100
42 22.5 14.7 22.1#
71 41.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.133 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.341 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Tgt Ion: 70 Resp: 38828
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

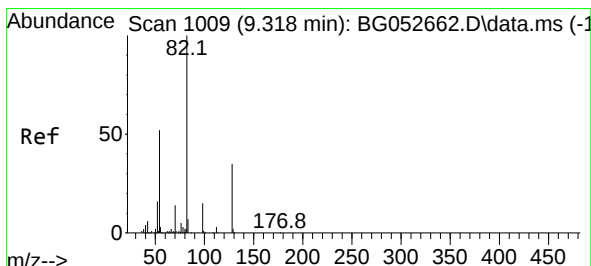
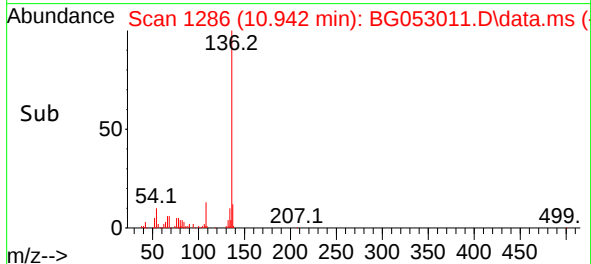
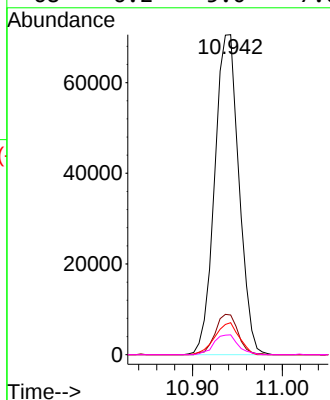
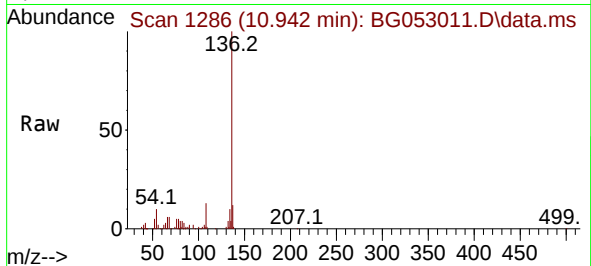




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

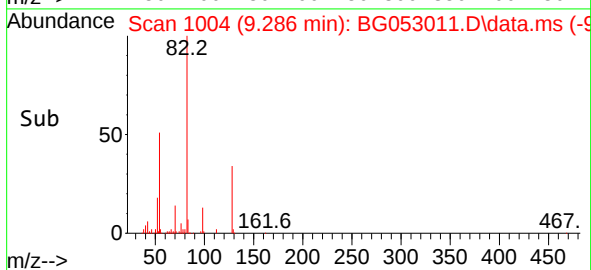
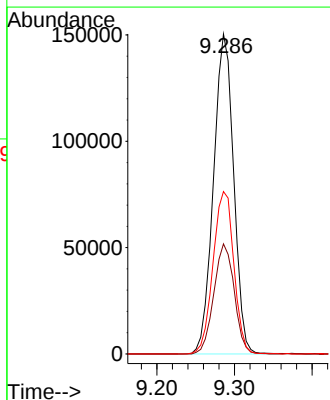
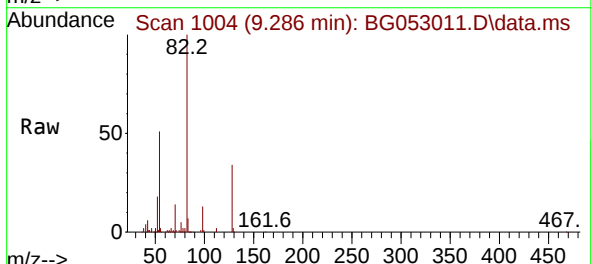
Instrument :
BNA_G
ClientSampleId :
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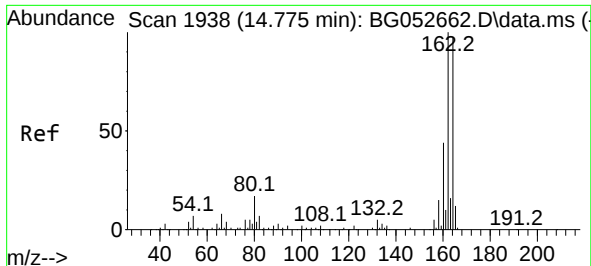
Tgt Ion:	136	Resp:	132620
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.4	14.2
54	10.0	6.4	9.6#
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 102.958 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

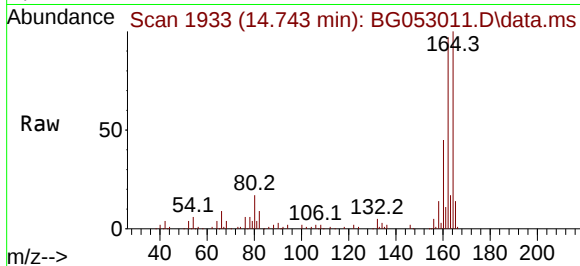
Tgt Ion:	82	Resp:	272051
Ion Ratio	Lower	Upper	
82	100		
128	34.4	31.3	46.9
54	50.7	37.8	56.8



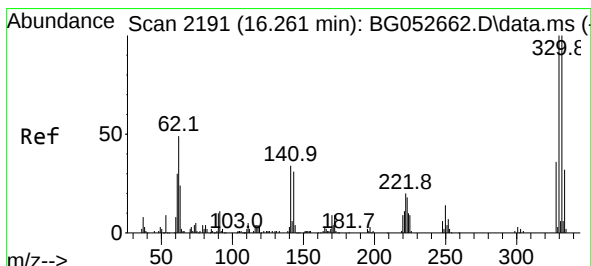
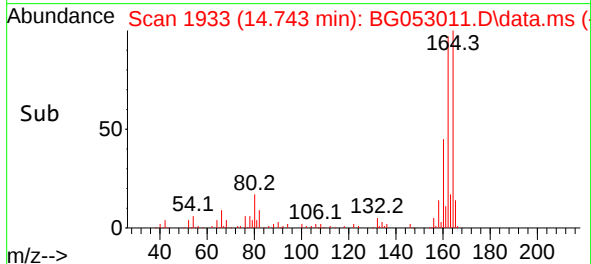
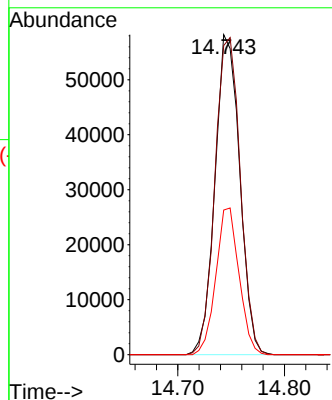


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.023 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Instrument :
BNA_G
ClientSampleId :
FB0331

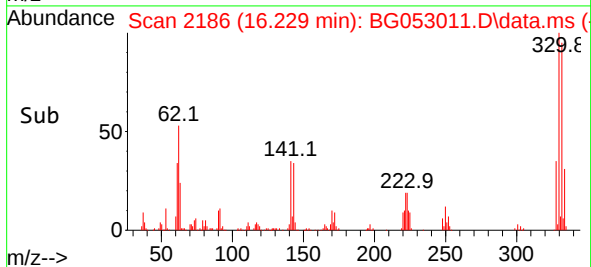
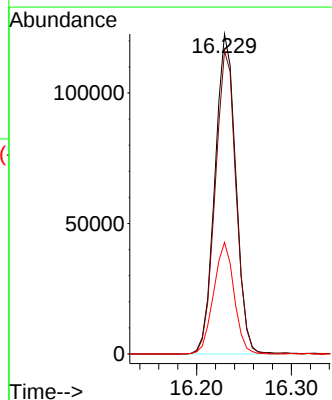
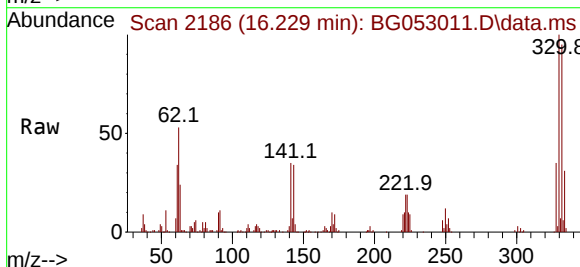


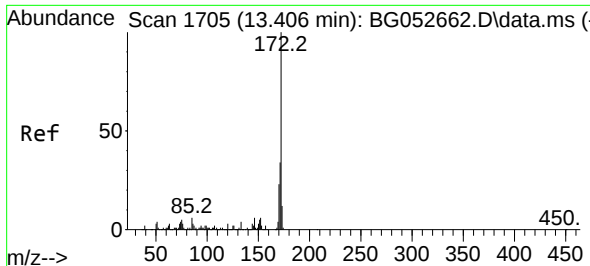
Tgt Ion:164 Resp: 93648
Ion Ratio Lower Upper
164 100
162 96.6 80.0 120.0
160 45.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 148.721 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.018 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Tgt Ion:330 Resp: 187147
Ion Ratio Lower Upper
330 100
332 94.5 75.8 113.6
141 34.1 24.6 36.8

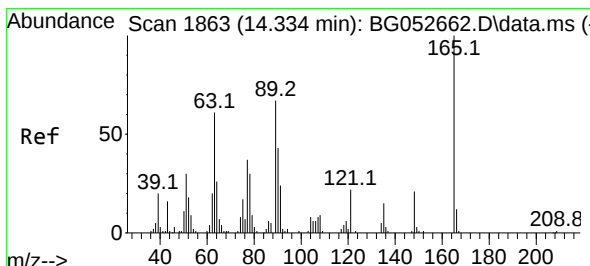
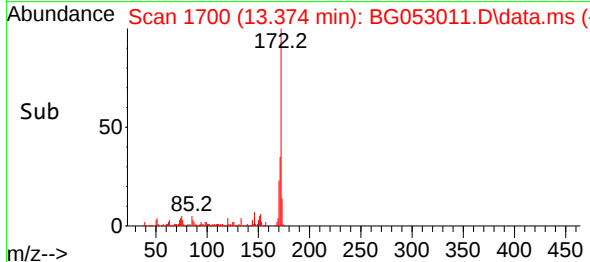
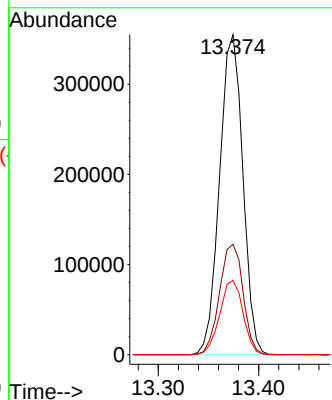
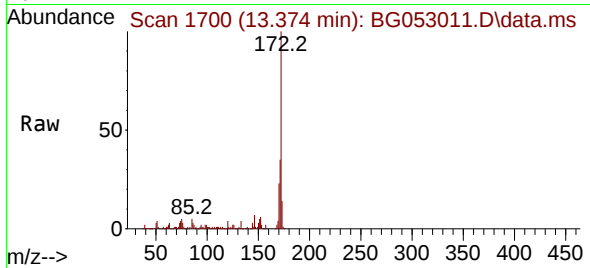




#45
2-Fluorobiphenyl
Concen: 89.817 ng
RT: 13.374 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

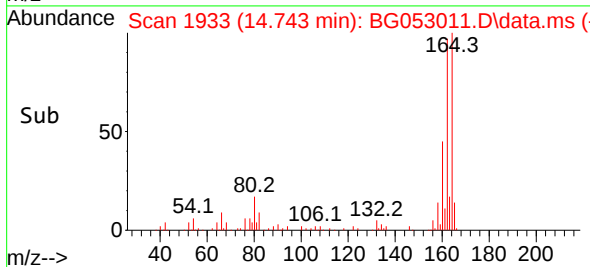
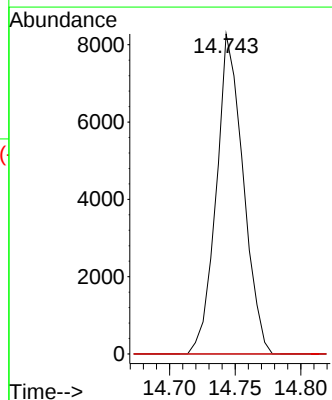
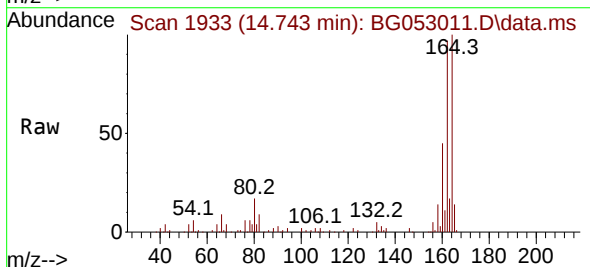
Instrument :
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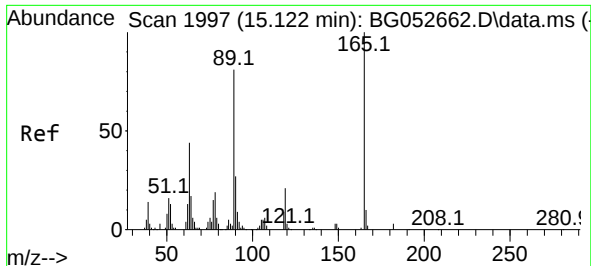
Tgt Ion:172 Resp: 570306
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.011 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.417 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Tgt Ion:165 Resp: 11764
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

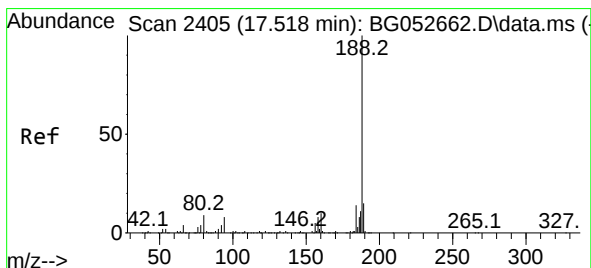
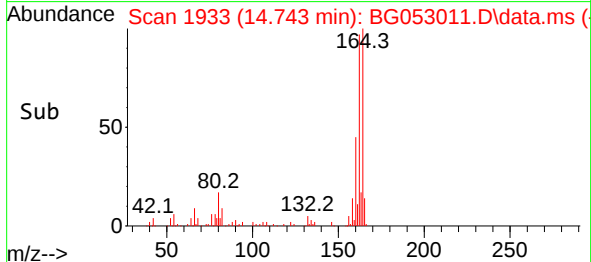
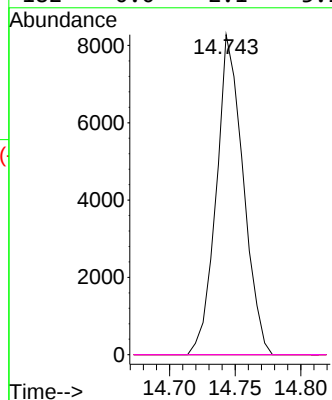
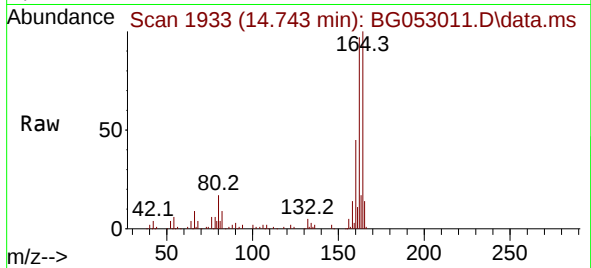




#57
2,4-Dinitrotoluene
Concen: 7.215 ng
RT: 14.743 min Scan# 1997
Delta R.T. -0.370 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

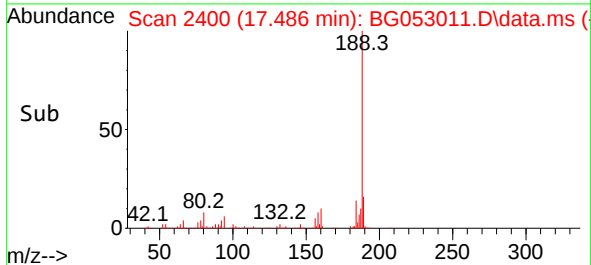
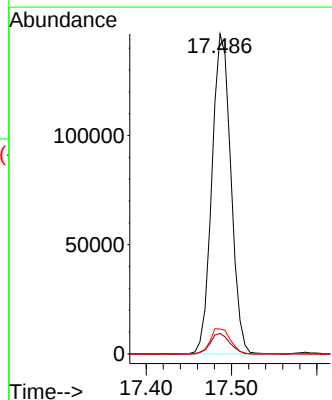
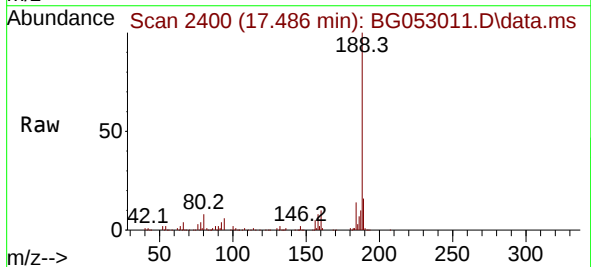
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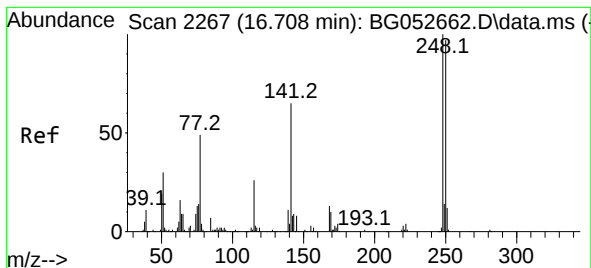
Tgt Ion:165 Resp: 11764
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.018 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Tgt Ion:188 Resp: 226378
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.8 7.2 10.8

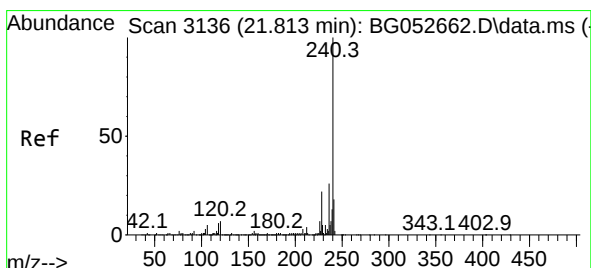
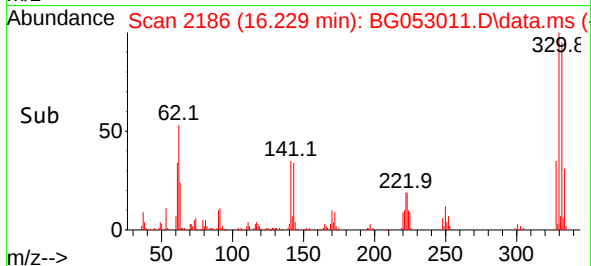
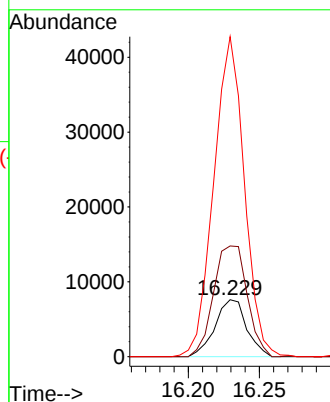
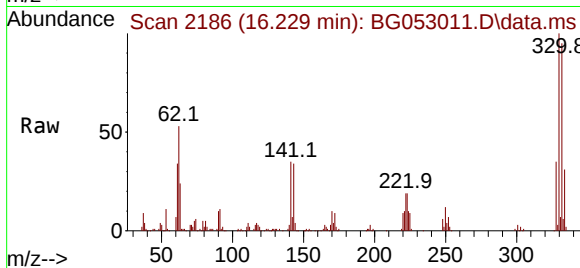




#67
4-Bromophenyl-phenylether
Concen: 4.311 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.464 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

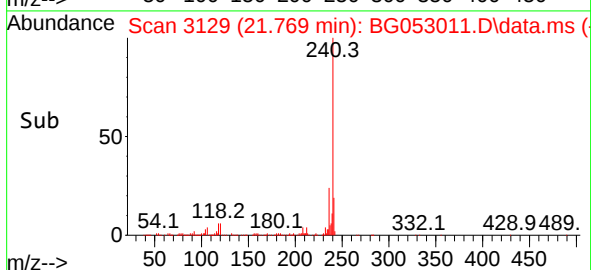
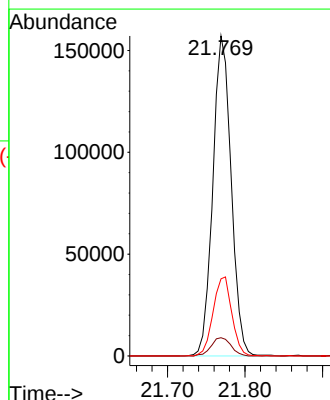
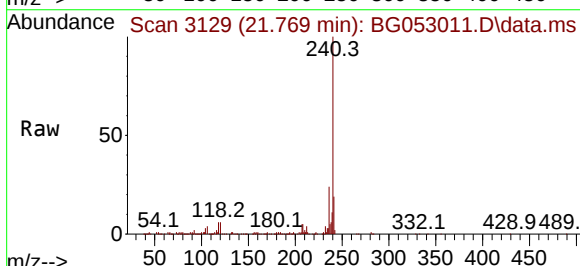
Instrument :
BNA_G
ClientSampleId :
FB0331

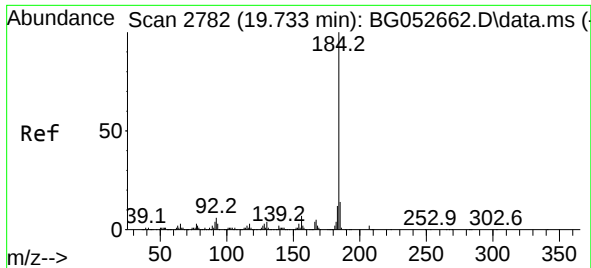
Tgt Ion:248 Resp: 11766
Ion Ratio Lower Upper
248 100
250 194.4 77.9 116.9#
141 562.0 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.029 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Tgt Ion:240 Resp: 258094
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 24.1 19.8 29.6

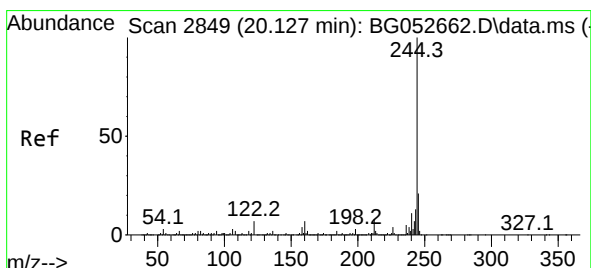
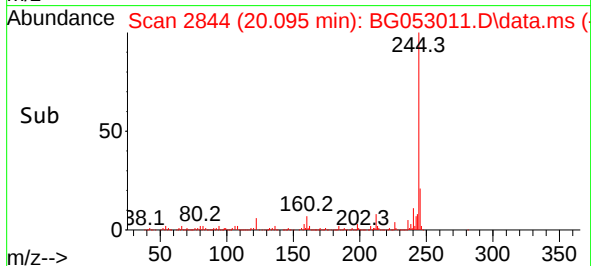
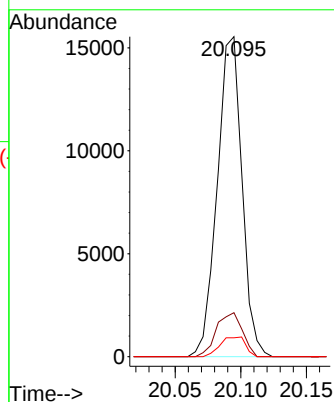
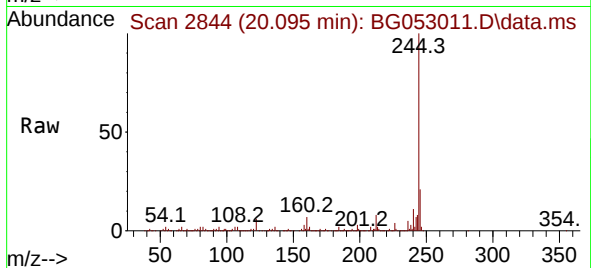




#77
Benzidine
Concen: 3.056 ng
RT: 20.095 min Scan# 2844
Delta R.T. 0.370 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

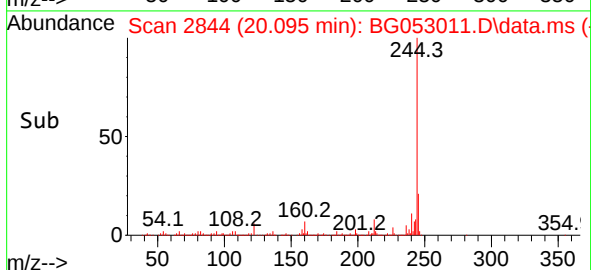
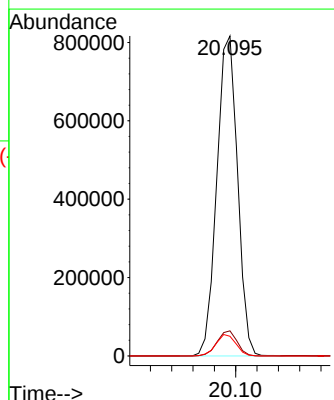
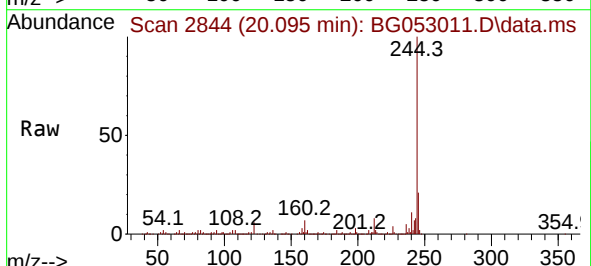
Instrument :
BNA_G
ClientSampleId :
FB0331

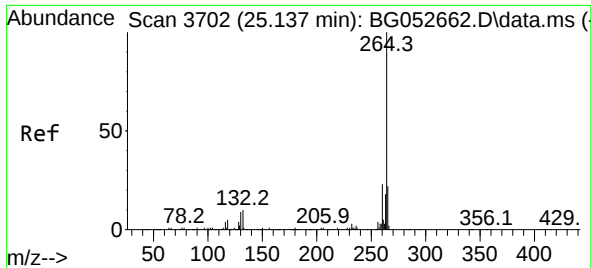
Tgt Ion:184 Resp: 20345
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.815 ng
RT: 20.095 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BG053011.D
Acq: 4 Apr 2022 17:07

Tgt Ion:244 Resp: 1099998
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.1 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 30
 Delta R.T. -0.041 min
 Lab File: BG053011.D
 Acq: 4 Apr 2022 17:07

Instrument :
 BNA_G
 ClientSampleId :
 FB0331

Tgt Ion:264 Resp: 256813
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 20.7 15.1 22.7

