

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053022.D
 Acq On : 5 Apr 2022 00:14
 Operator : CG/JU
 Sample : N2220-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A02015

Quant Time: Apr 05 01:08:36 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)

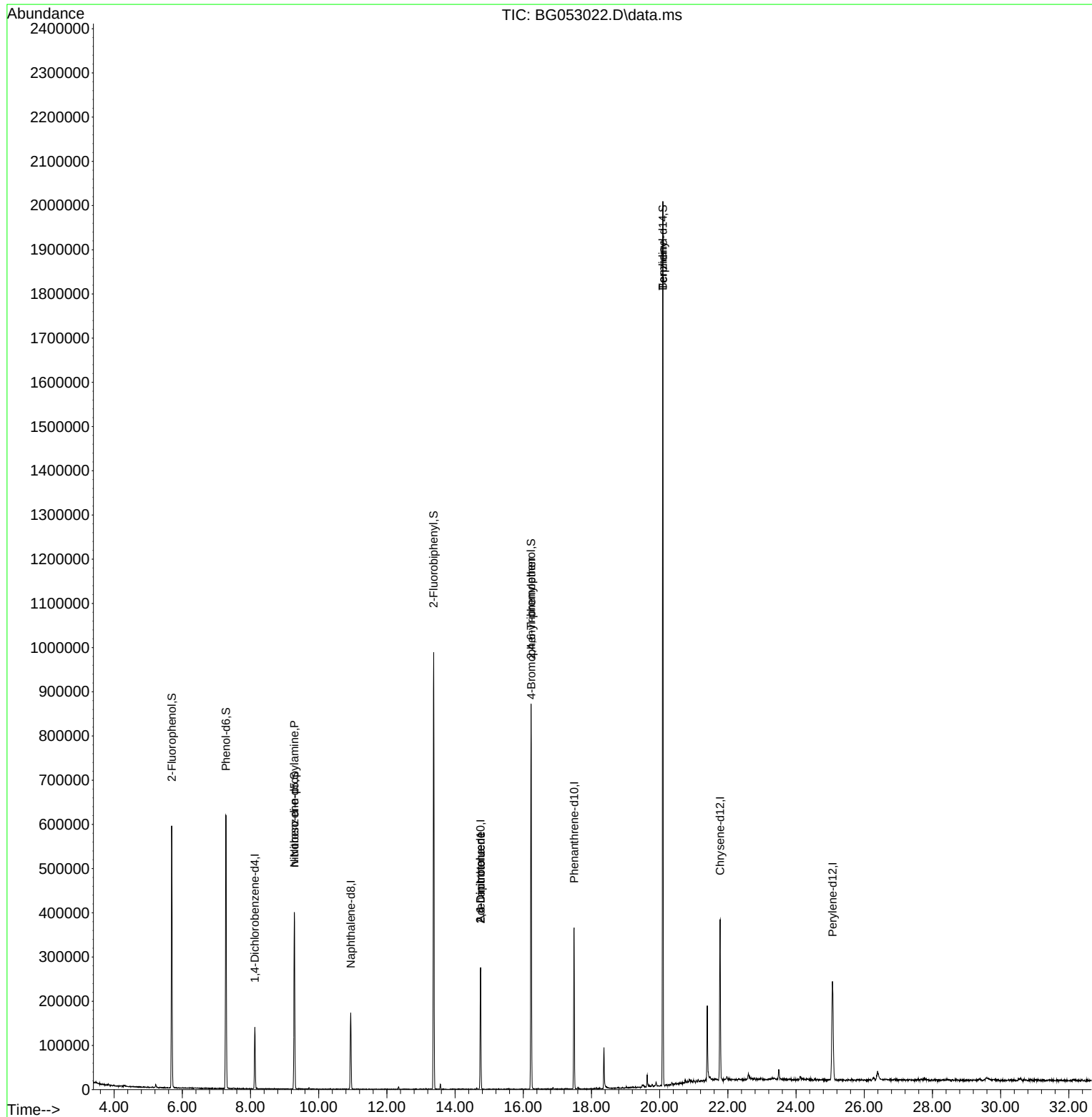
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	35313	20.000	ng	#-0.02
21) Naphthalene-d8	10.942	136	143629	20.000	ng	-0.02
39) Acenaphthene-d10	14.748	164	100204	20.000	ng	-0.02
64) Phenanthrene-d10	17.492	188	231123	20.000	ng	-0.01
76) Chrysene-d12	21.774	240	240345	20.000	ng	-0.02
86) Perylene-d12	25.070	264	254023	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	233186	114.999	ng	0.00
7) Phenol-d6	7.282	99	345033	112.867	ng	0.00
23) Nitrobenzene-d5	9.285	82	249031	87.022	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	166453	123.622	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	524214	77.156	ng	-0.02
79) Terphenyl-d14	20.094	244	987068	73.055	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.282	77	729	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.285	70	36095	16.671	ng	# 78
51) 2,6-Dinitrotoluene	14.748	165	13053	10.381	ng	# 24
57) 2,4-Dinitrotoluene	14.748	165	13053	7.482	ng	# 22
67) 4-Bromophenyl-phenylether	16.235	248	11660	4.184	ng	# 1
77) Benzidine	20.094	184	18055	2.913	ng	# 87

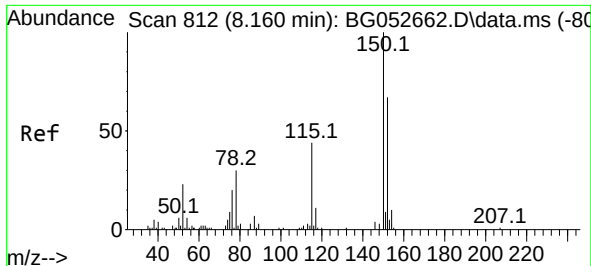
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

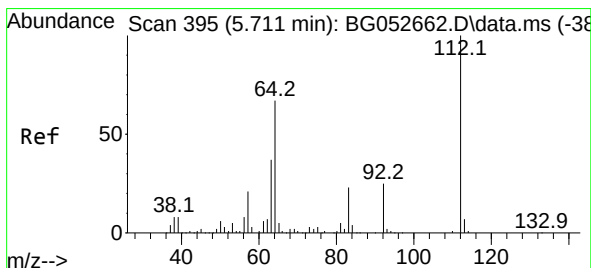
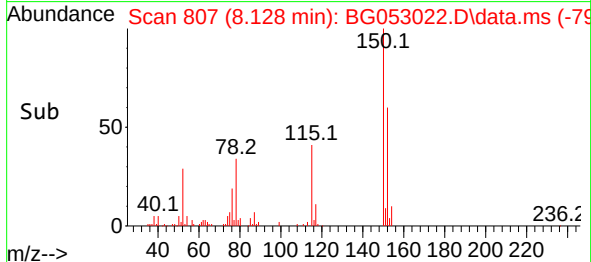
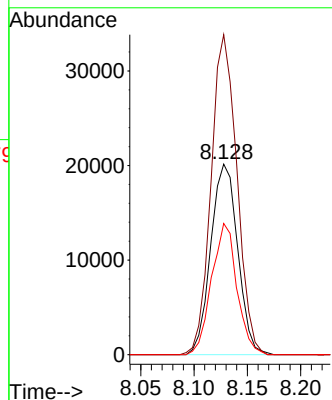
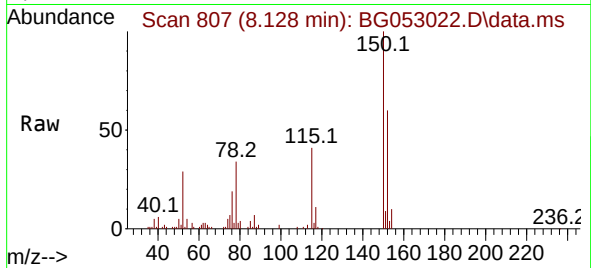




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

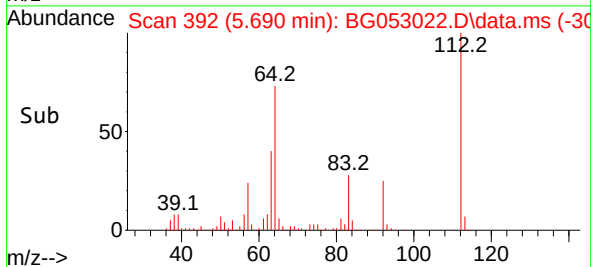
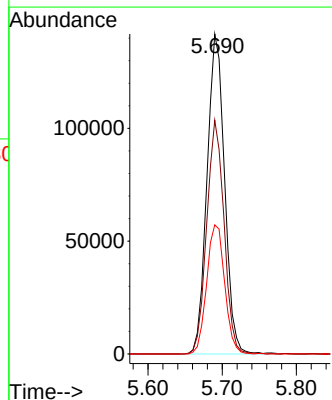
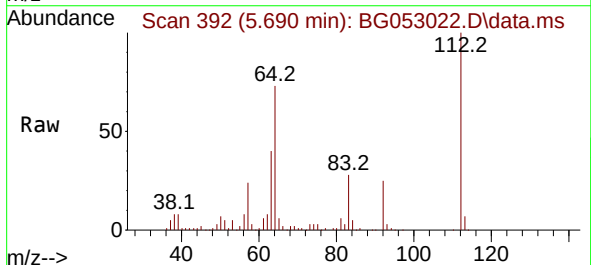
Instrument :
BNA_G
ClientSampleId :
A02015

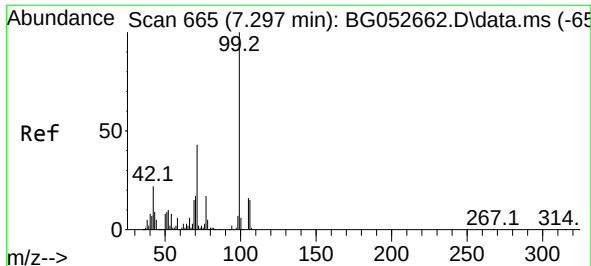
Tgt Ion:152 Resp: 35313
Ion Ratio Lower Upper
152 100
150 168.0 114.6 172.0
115 68.9 45.9 68.9#



#5
2-Fluorophenol
Concen: 114.999 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.007 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion:112 Resp: 233186
Ion Ratio Lower Upper
112 100
64 73.0 48.0 72.0#
63 40.4 26.5 39.7#

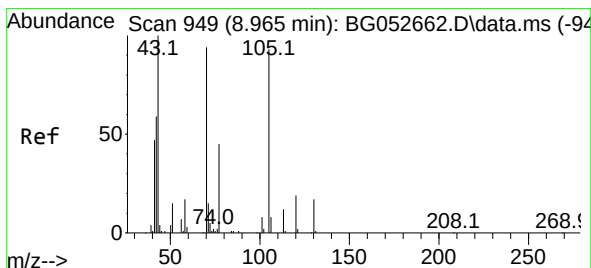
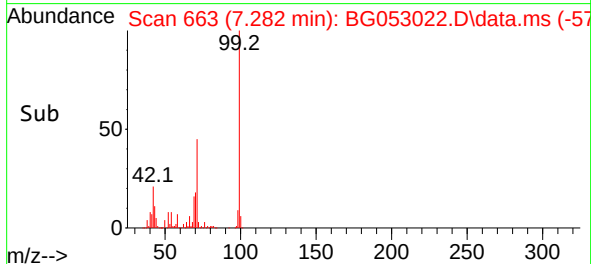
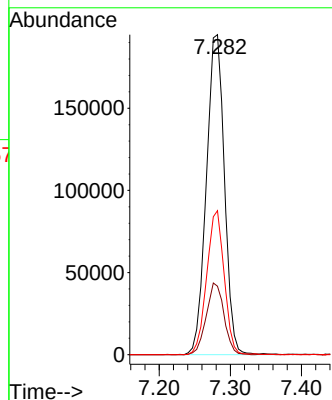
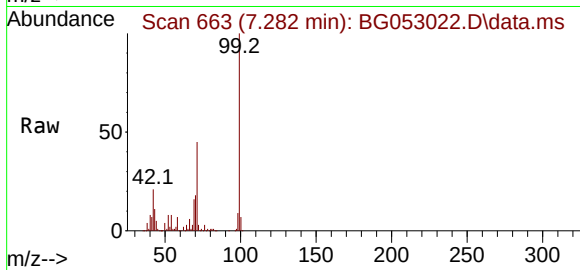




#7
Phenol-d6
Concen: 112.867 ng
RT: 7.282 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

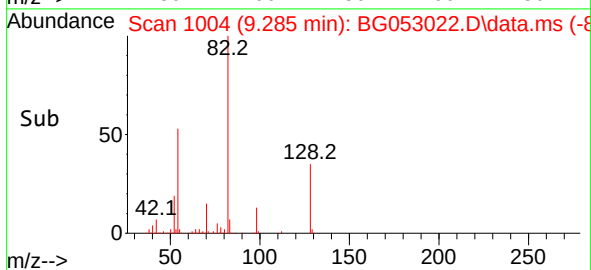
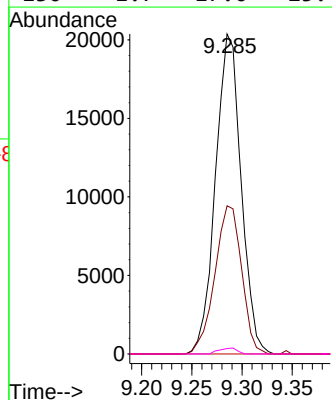
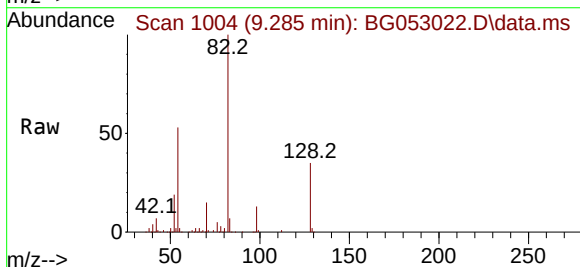
Instrument :
BNA_G
ClientSampleId :
A02015

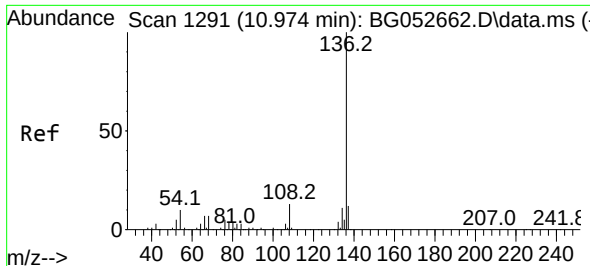
Tgt Ion: 99 Resp: 345033
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 45.0 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.671 ng
RT: 9.285 min Scan# 1004
Delta R.T. 0.340 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion: 70 Resp: 36095
Ion Ratio Lower Upper
70 100
42 46.3 46.0 69.0
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#



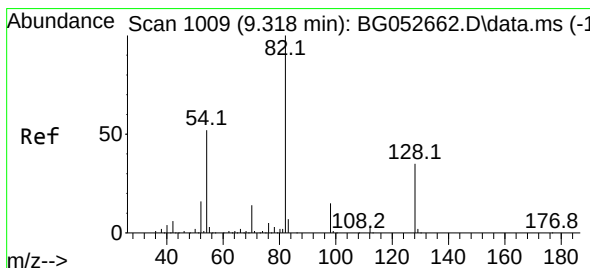
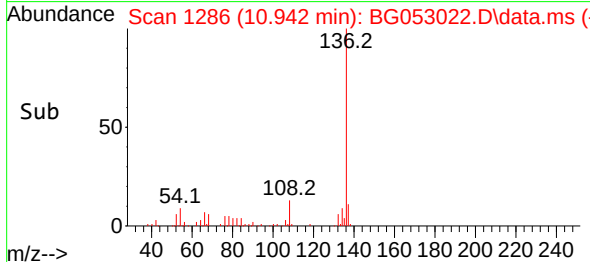
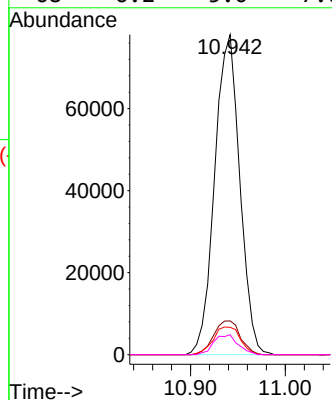
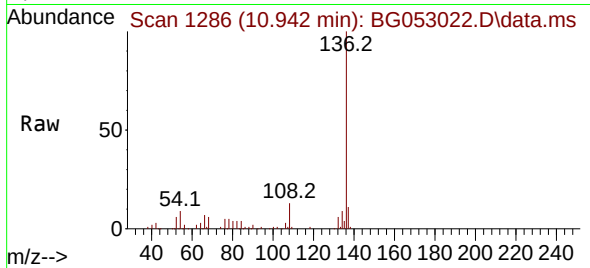


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Instrument :
BNA_G
ClientSampleId :
A02015

Tgt Ion:136 Resp: 143629

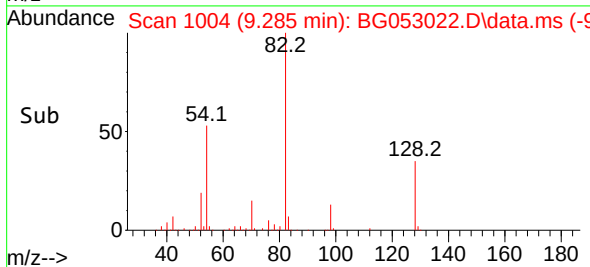
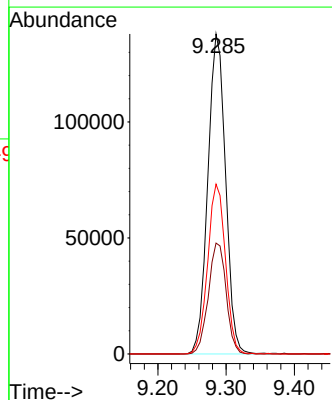
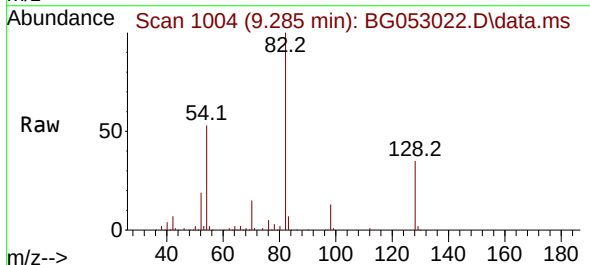
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.2
54	8.6	6.4	9.6
68	6.2	5.0	7.6

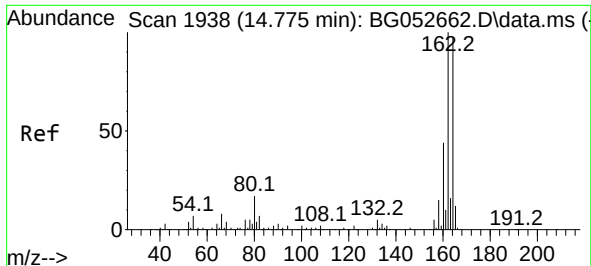


#23
Nitrobenzene-d5
Concen: 87.022 ng
RT: 9.285 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion: 82 Resp: 249031

Ion	Ratio	Lower	Upper
82	100		
128	34.7	31.3	46.9
54	53.0	37.8	56.8

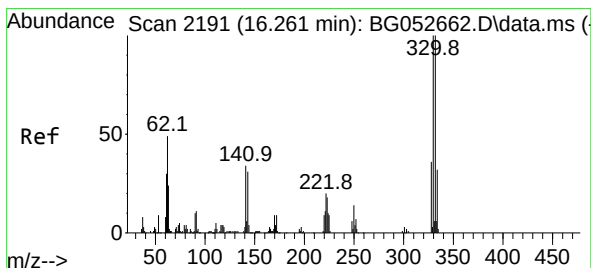
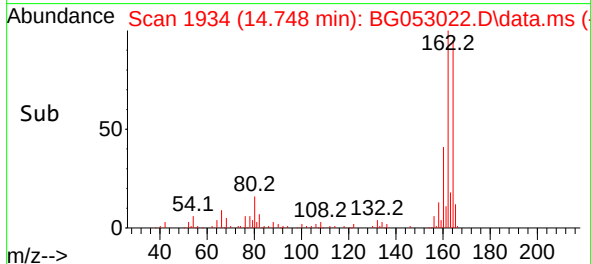
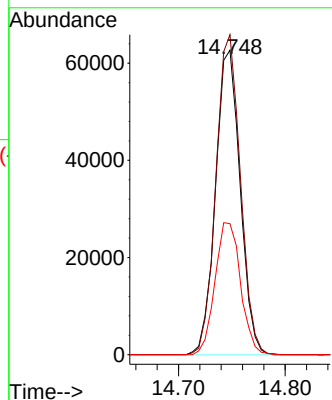
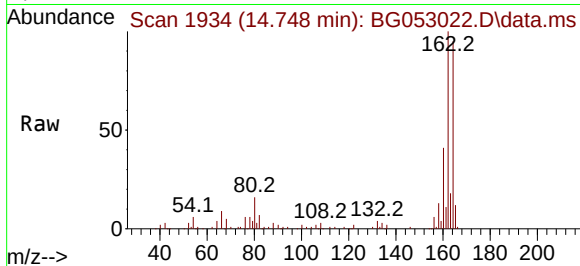




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

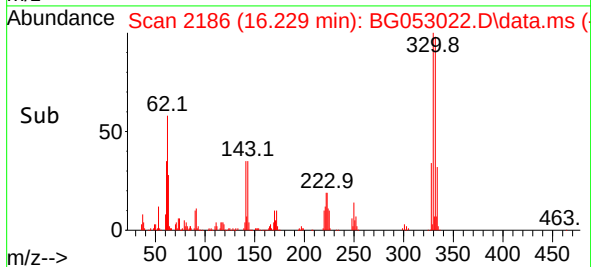
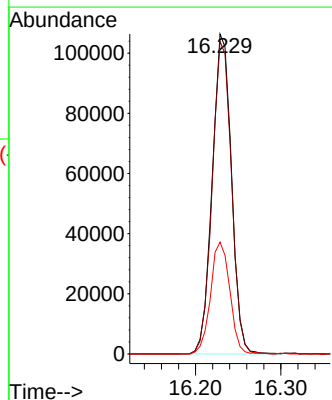
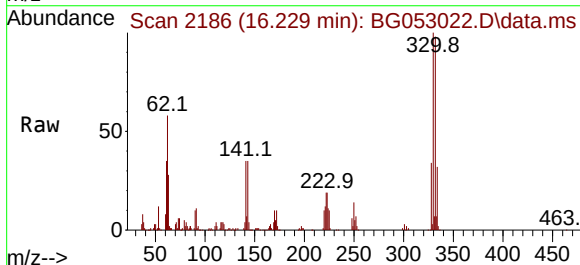
Instrument :
BNA_G
ClientSampleId :
A02015

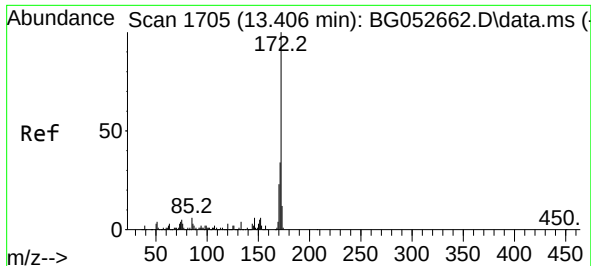
Tgt Ion:164 Resp: 100204
Ion Ratio Lower Upper
164 100
162 105.1 80.0 120.0
160 43.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 123.622 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Tgt Ion:330 Resp: 166453
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.6
141 35.0 24.6 36.8

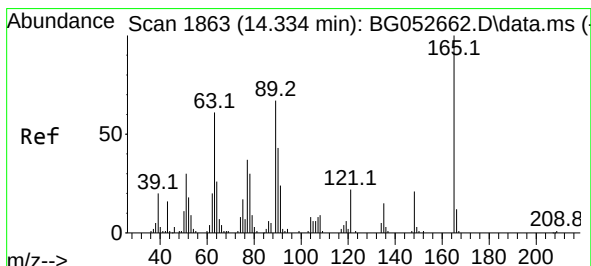
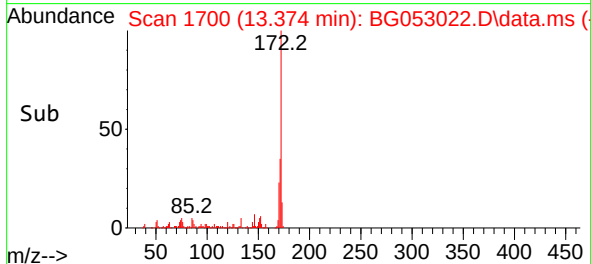
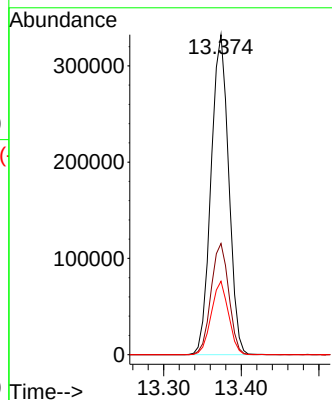
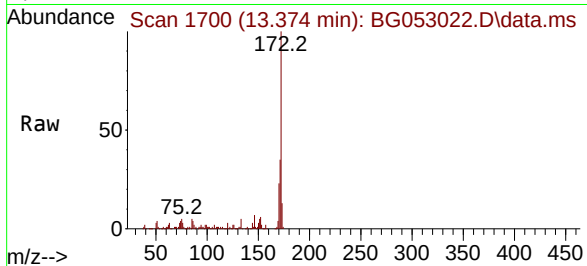




#45
2-Fluorobiphenyl
Concen: 77.156 ng
RT: 13.374 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

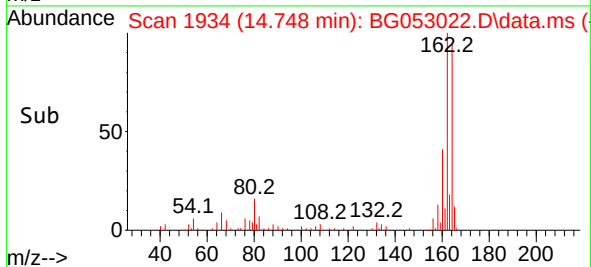
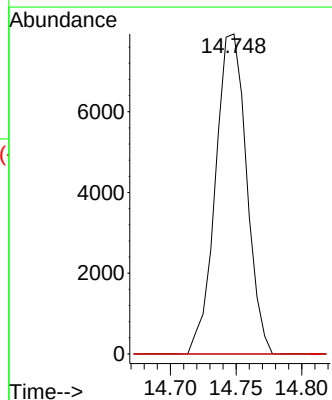
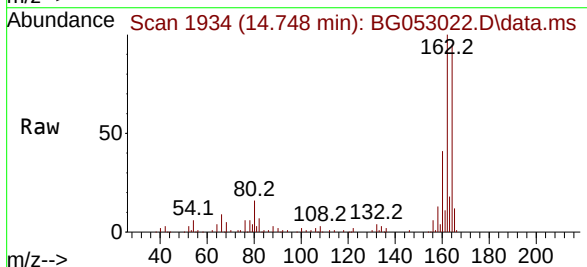
Instrument :
BNA_G
ClientSampleId :
A02015

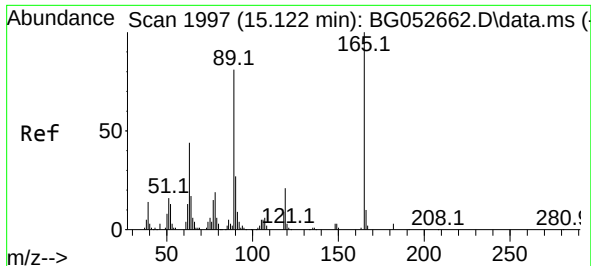
Tgt Ion:172 Resp: 524214
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.0 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.381 ng
RT: 14.748 min Scan# 1934
Delta R.T. 0.422 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

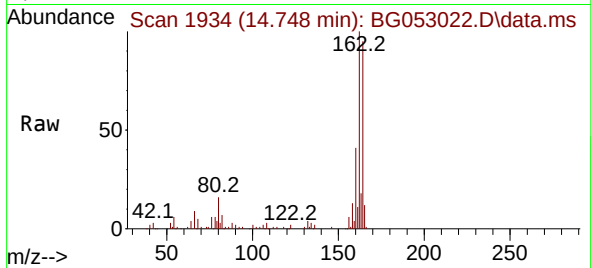
Tgt Ion:165 Resp: 13053
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



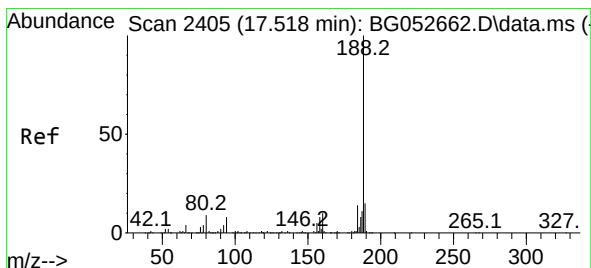
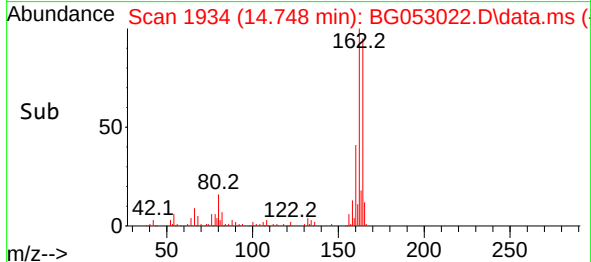
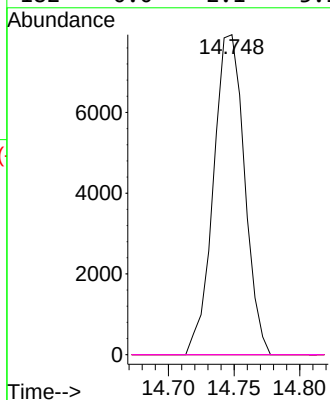


#57
2,4-Dinitrotoluene
Concen: 7.482 ng
RT: 14.748 min Scan# 1997
Delta R.T. -0.365 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Instrument :
BNA_G
ClientSampleId :
A02015

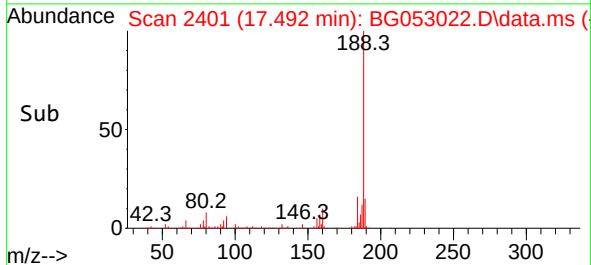
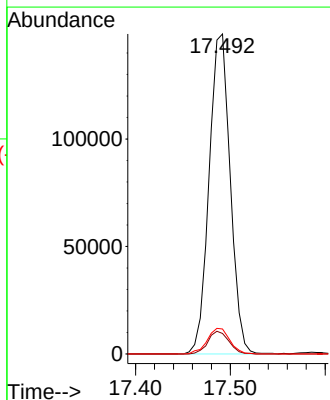
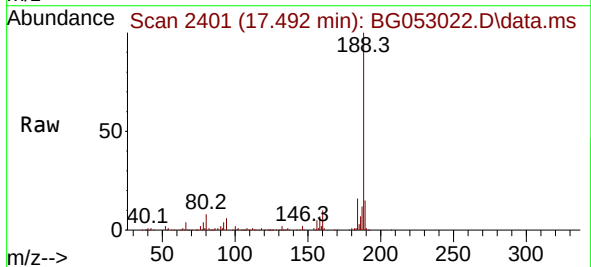


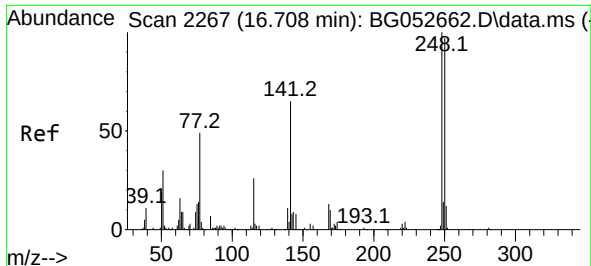
Tgt Ion:165 Resp: 13053
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

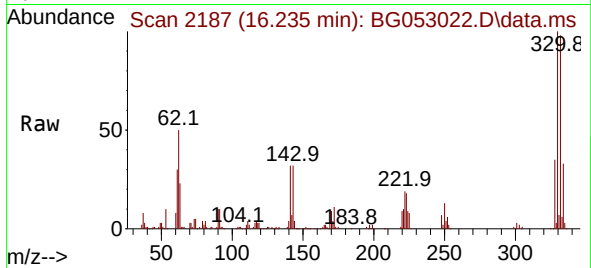
Tgt Ion:188 Resp: 231123
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.8 7.2 10.8



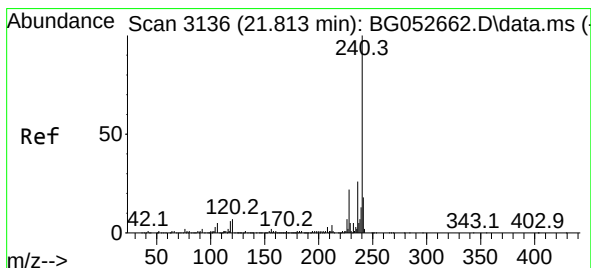
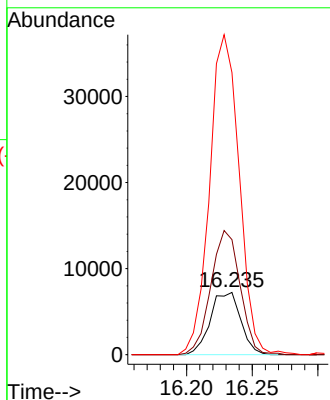
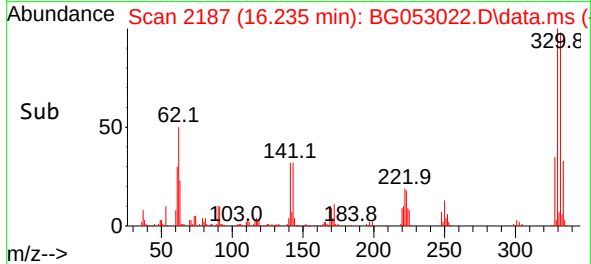


#67
4-Bromophenyl-phenylether
Concen: 4.184 ng
RT: 16.235 min Scan# 2187
Delta R.T. -0.459 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

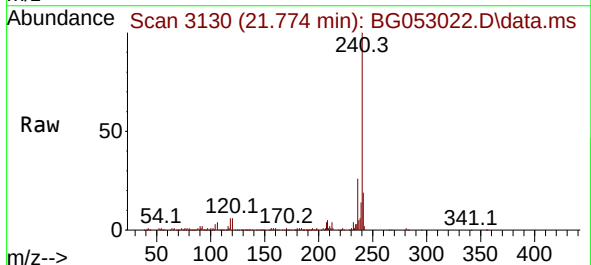
Instrument :
BNA_G
ClientSampleId :
A02015



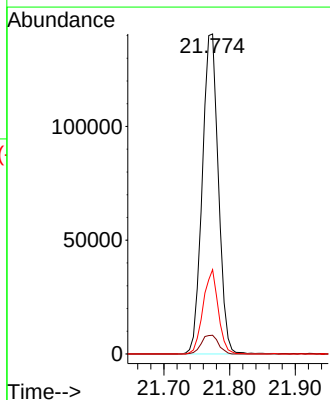
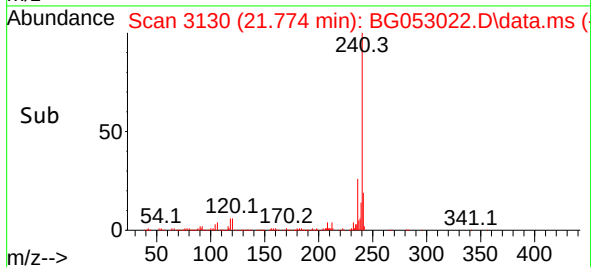
Tgt Ion:248 Resp: 11660
Ion Ratio Lower Upper
248 100
250 184.7 77.9 116.9#
141 452.9 49.2 73.8#

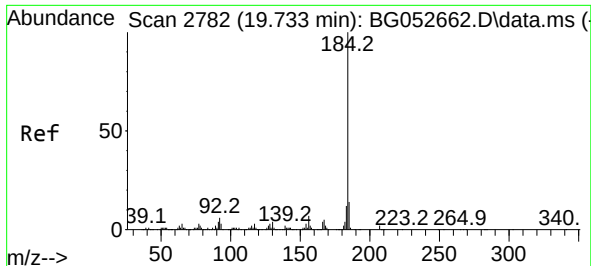


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 3130
Delta R.T. -0.024 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14



Tgt Ion:240 Resp: 240345
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.4 19.8 29.6

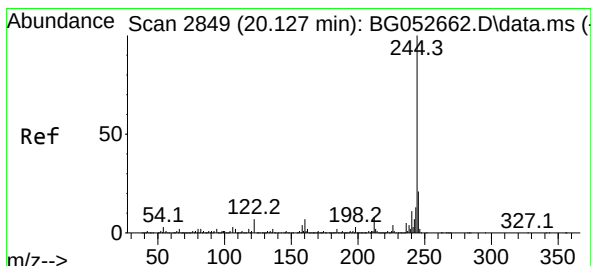
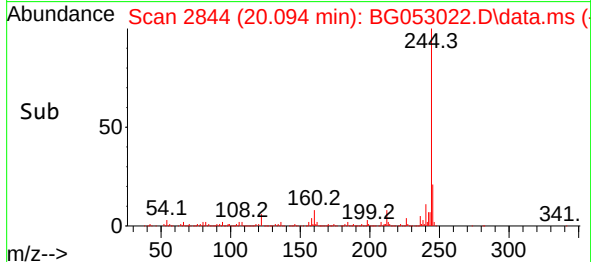
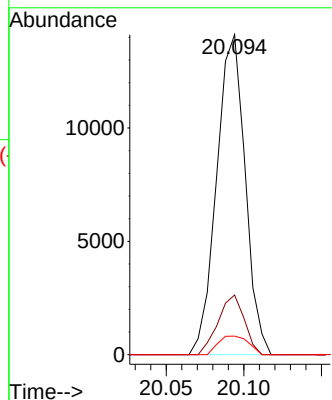
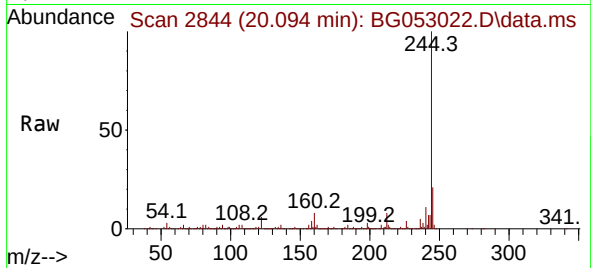




#77
Benzidine
Concen: 2.913 ng
RT: 20.094 min Scan# 2844
Delta R.T. 0.369 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

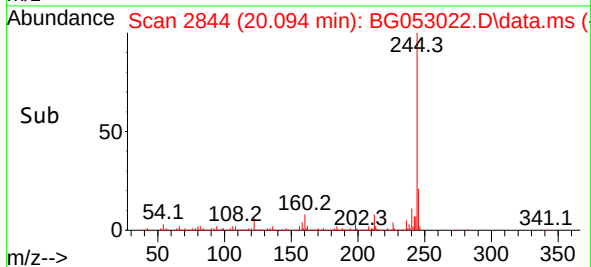
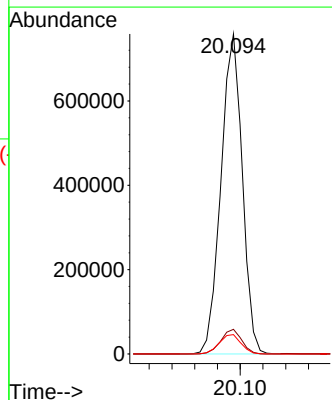
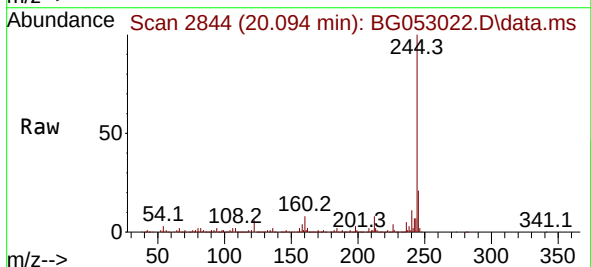
Instrument :
BNA_G
ClientSampleId :
A02015

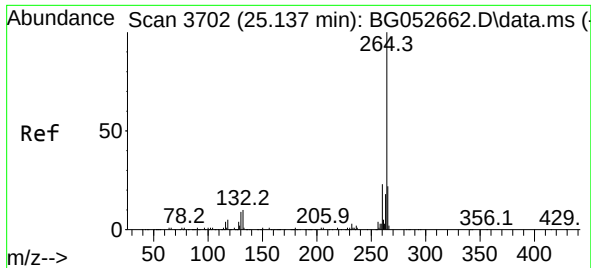
Tgt Ion:184 Resp: 18055
Ion Ratio Lower Upper
184 100
185 18.6 11.5 17.3#
183 5.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 73.055 ng
RT: 20.094 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

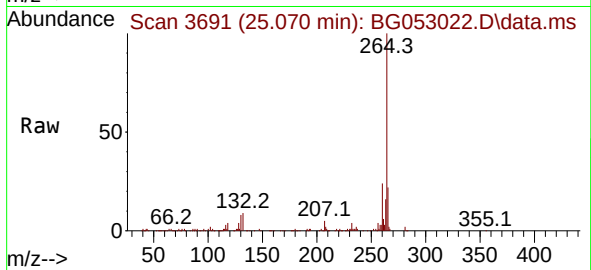
Tgt Ion:244 Resp: 987068
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.1 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 30
Delta R.T. -0.042 min
Lab File: BG053022.D
Acq: 5 Apr 2022 00:14

Instrument :
BNA_G
ClientSampleId :
A02015



Tgt Ion:264 Resp: 254023

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.2
265	21.7	15.1	22.7

