

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053370.D
 Acq On : 28 Apr 2022 17:24
 Operator : CG/JU
 Sample : N2577-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GT-06-(25-30)

Quant Time: Apr 29 03:22:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

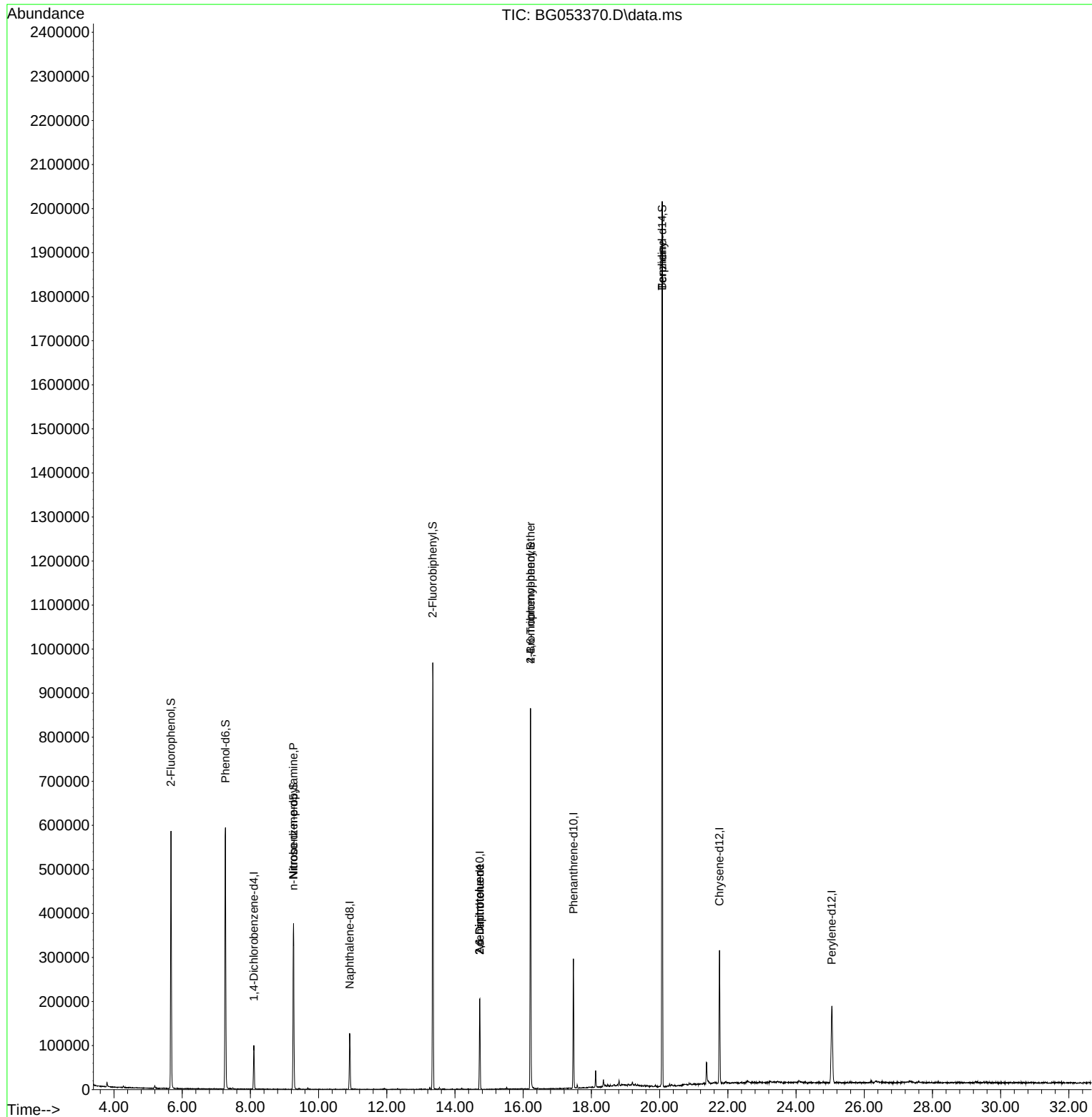
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	27764	20.000	ng	-0.01
21) Naphthalene-d8	10.910	136	104683	20.000	ng	-0.01
39) Acenaphthene-d10	14.729	164	75543	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	189025	20.000	ng	-0.01
76) Chrysene-d12	21.754	240	202682	20.000	ng	-0.01
86) Perylene-d12	25.044	264	200461	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	244943	151.231	ng	0.00
7) Phenol-d6	7.268	99	343425	137.497	ng	0.00
23) Nitrobenzene-d5	9.265	82	244628	94.884	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	171963	143.081	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	521482	95.187	ng	-0.01
79) Terphenyl-d14	20.074	244	1027869	85.650	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	33778	18.472	ng	# 74
51) 2,6-Dinitrotoluene	14.723	165	9826	7.795	ng	# 26
57) 2,4-Dinitrotoluene	14.723	165	9826	5.475	ng	# 25
67) 4-Bromophenyl-phenylether	16.215	248	11326	4.676	ng	# 1
77) Benzidine	20.074	184	16750	2.897	ng	# 90

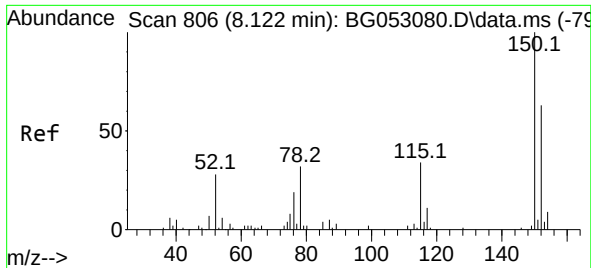
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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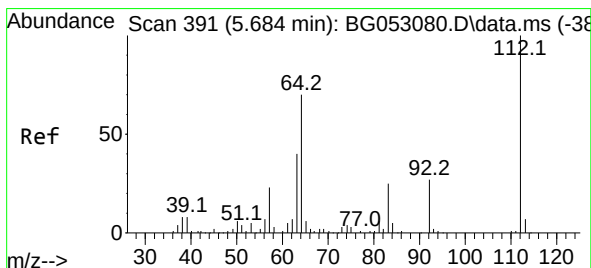
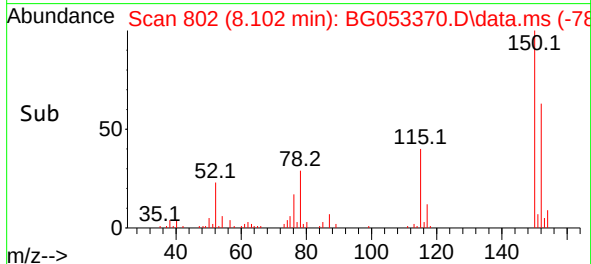
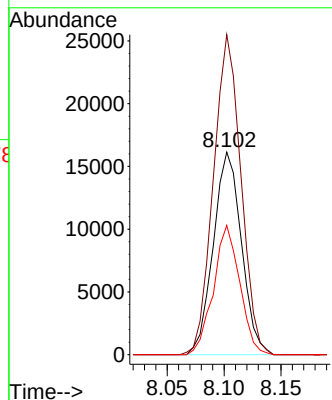
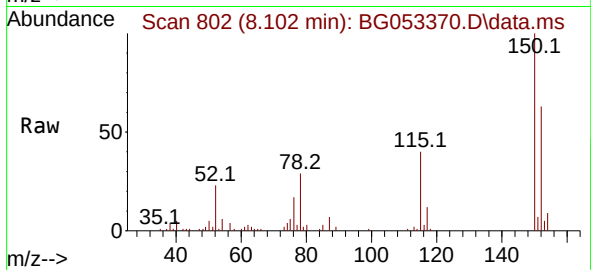




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

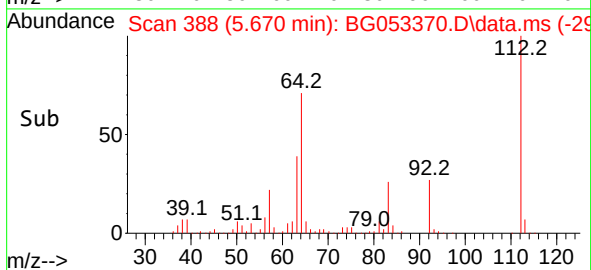
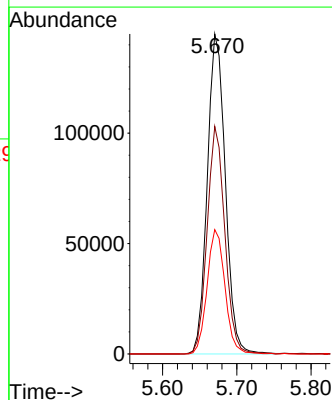
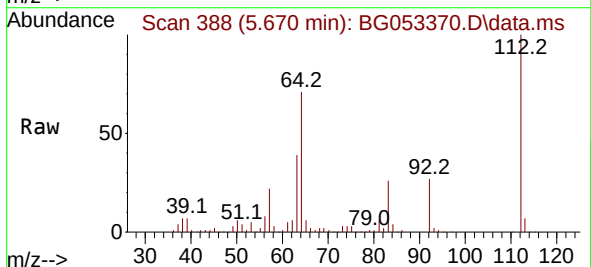
Instrument :
BNA_G
ClientSampleId :
GT-06-(25-30)

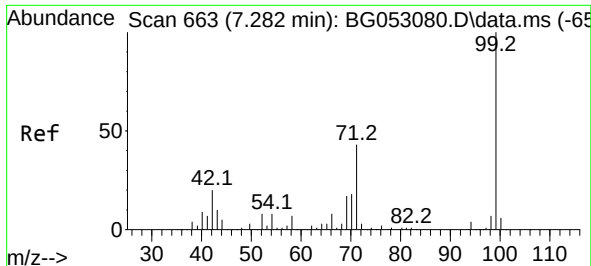
Tgt Ion:152 Resp: 27764
Ion Ratio Lower Upper
152 100
150 158.0 114.6 172.0
115 63.8 45.9 68.9



#5
2-Fluorophenol
Concen: 151.231 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Tgt Ion:112 Resp: 244943
Ion Ratio Lower Upper
112 100
64 71.1 48.0 72.0
63 38.8 26.5 39.7

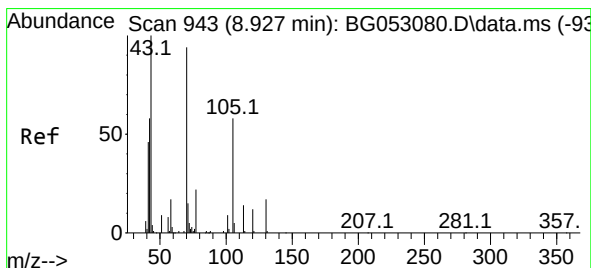
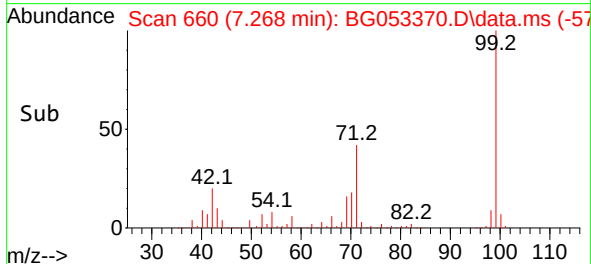
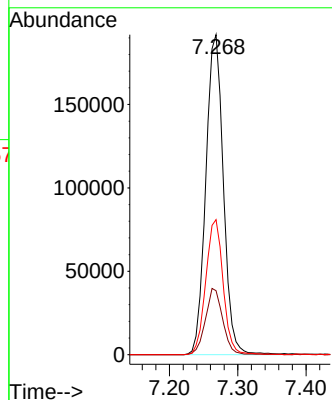
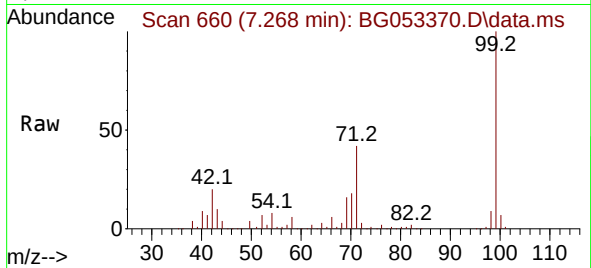




#7
Phenol-d6
Concen: 137.497 ng
RT: 7.268 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

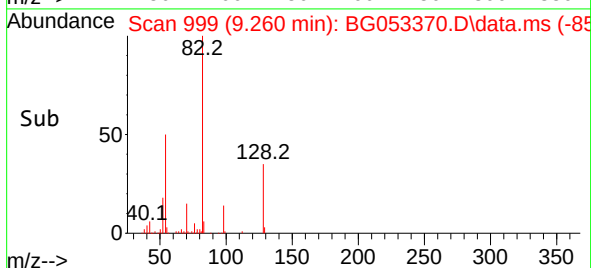
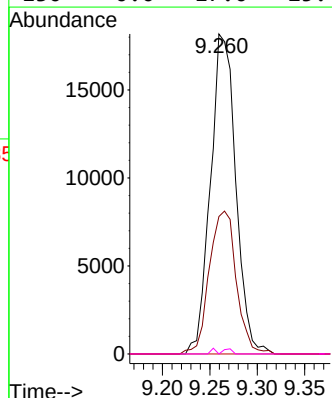
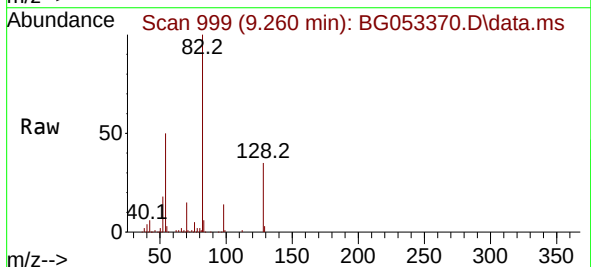
Instrument :
BNA_G
ClientSampleId :
GT-06-(25-30)

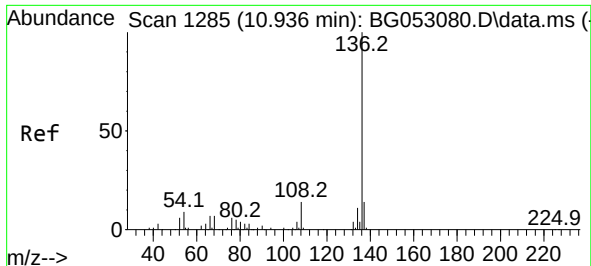
Tgt Ion: 99 Resp: 343425
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 42.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.472 ng
RT: 9.260 min Scan# 999
Delta R.T. 0.347 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Tgt Ion: 70 Resp: 33778
Ion Ratio Lower Upper
70 100
42 43.0 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

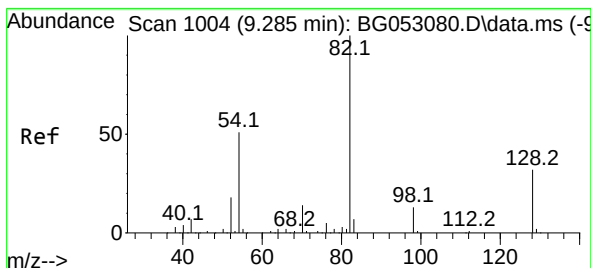
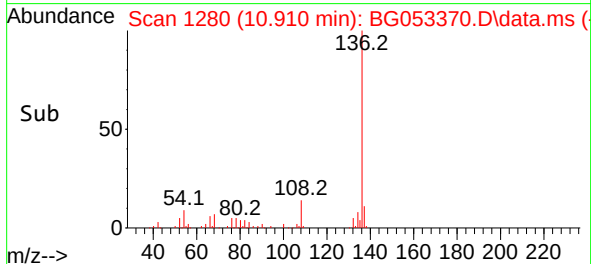
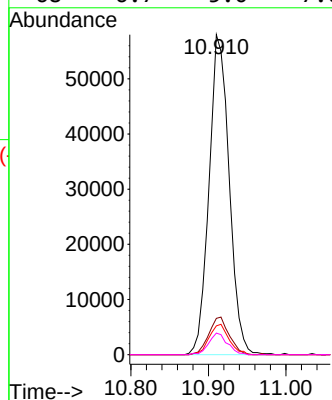
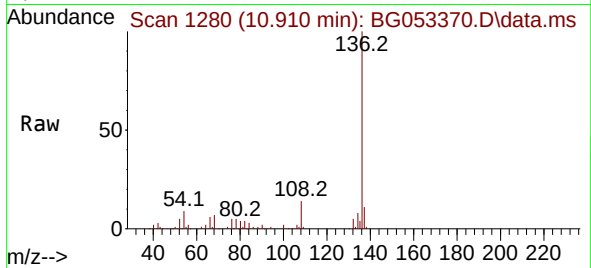




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

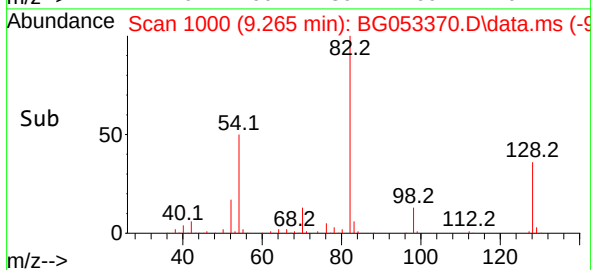
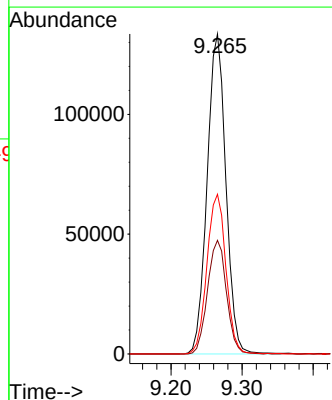
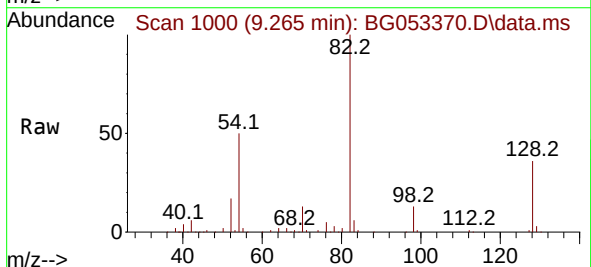
Instrument :
BNA_G
ClientSampleId :
GT-06-(25-30)

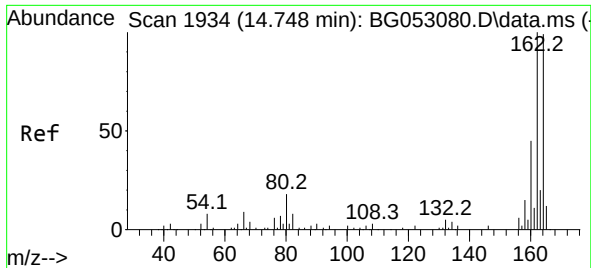
Tgt Ion:136 Resp: 104683
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 9.0 6.4 9.6
68 6.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.884 ng
RT: 9.265 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Tgt Ion: 82 Resp: 244628
Ion Ratio Lower Upper
82 100
128 35.5 31.3 46.9
54 49.9 37.8 56.8

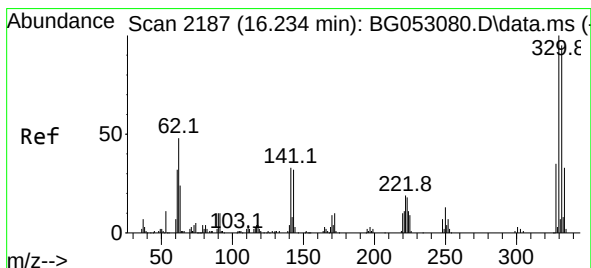
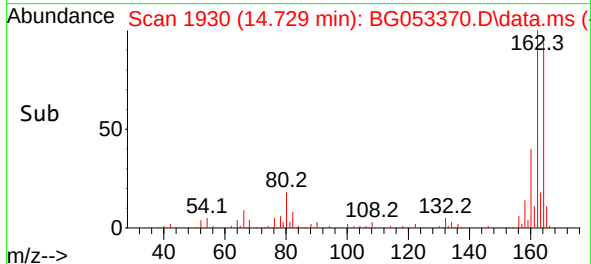
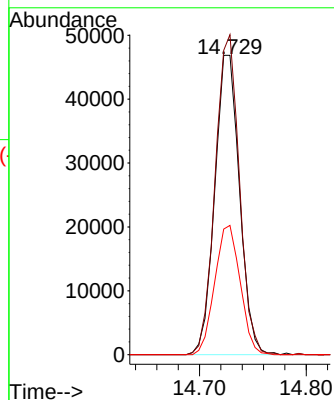
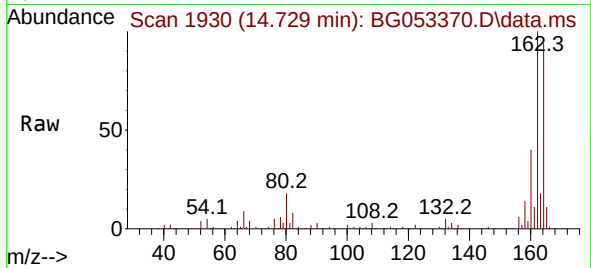




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

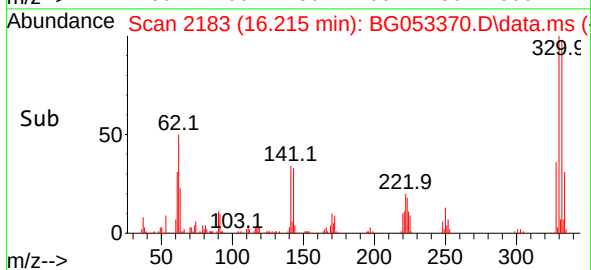
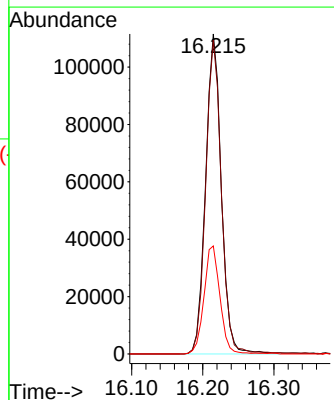
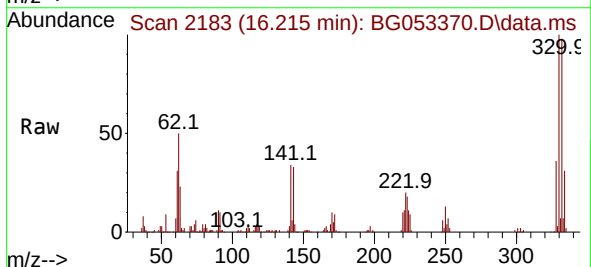
Instrument :
BNA_G
ClientSampleId :
GT-06-(25-30)

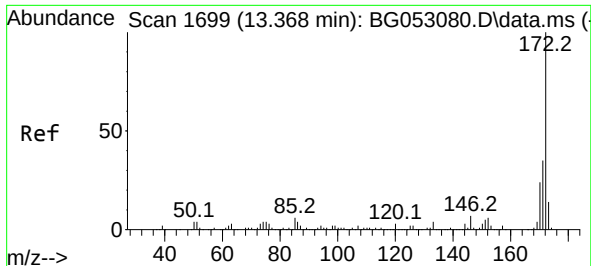
Tgt Ion:164 Resp: 75543
Ion Ratio Lower Upper
164 100
162 106.9 80.0 120.0
160 43.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 143.081 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Tgt Ion:330 Resp: 171963
Ion Ratio Lower Upper
330 100
332 97.7 75.8 113.6
141 34.3 24.6 36.8

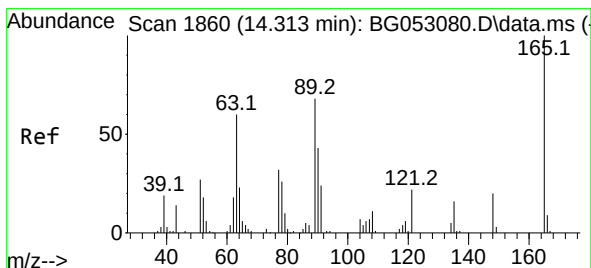
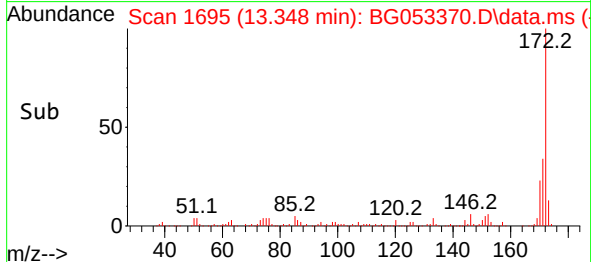
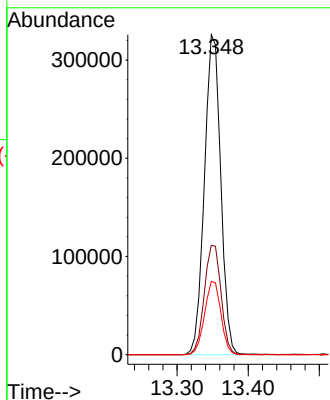
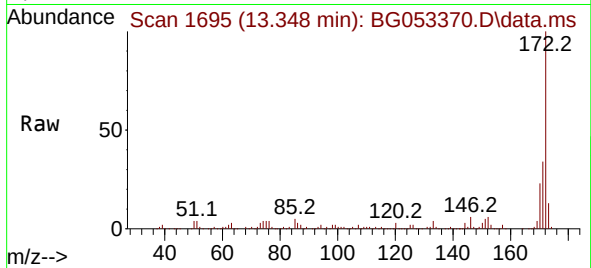




#45
2-Fluorobiphenyl
Concen: 95.187 ng
RT: 13.348 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

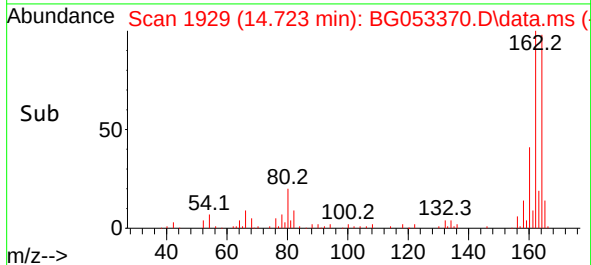
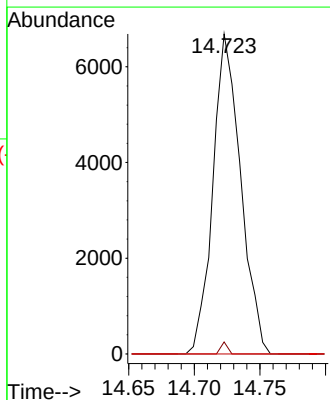
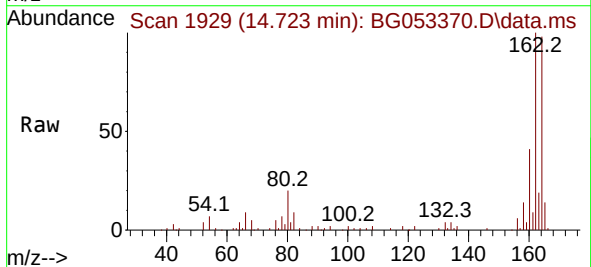
Instrument :
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ClientSampleId :
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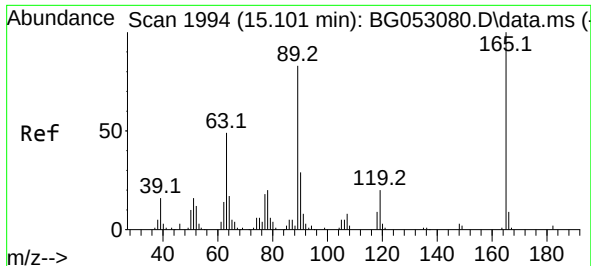
Tgt Ion:172 Resp: 521482
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.795 ng
RT: 14.723 min Scan# 1929
Delta R.T. 0.418 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Tgt Ion:165 Resp: 9826
Ion Ratio Lower Upper
165 100
63 3.8 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.475 ng

RT: 14.723 min Scan# 1994

Delta R.T. -0.370 min

Lab File: BG053370.D

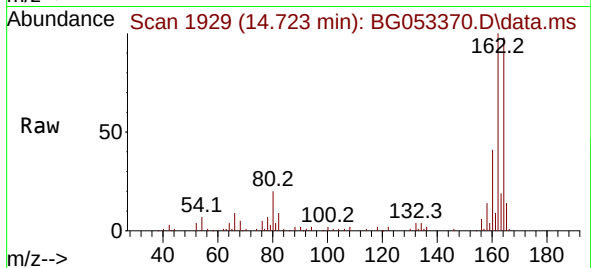
Acq: 28 Apr 2022 17:24

Instrument :

BNA_G

ClientSampleId :

GT-06-(25-30)



Tgt Ion:165 Resp: 9826

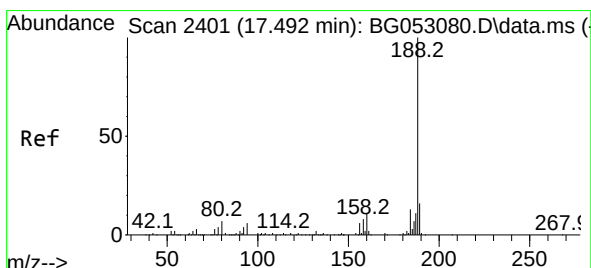
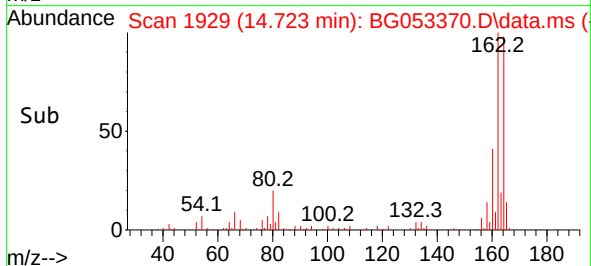
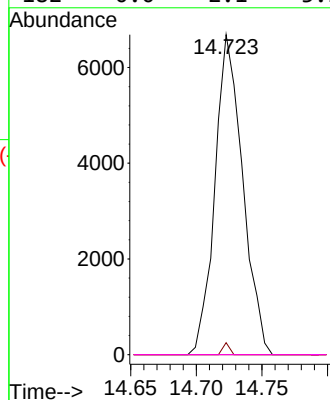
Ion Ratio Lower Upper

165 100

63 3.8 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: 17.472 min Scan# 2397

Delta R.T. -0.011 min

Lab File: BG053370.D

Acq: 28 Apr 2022 17:24

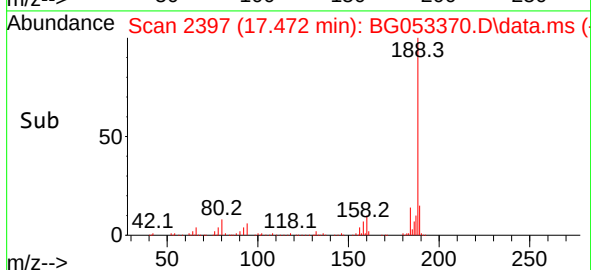
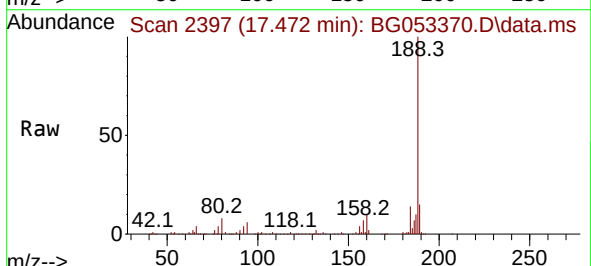
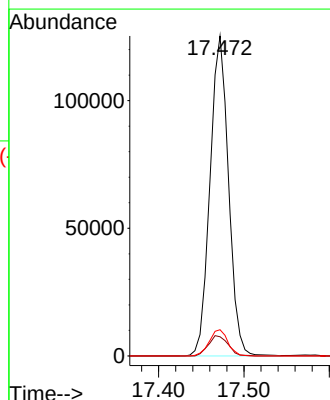
Tgt Ion:188 Resp: 189025

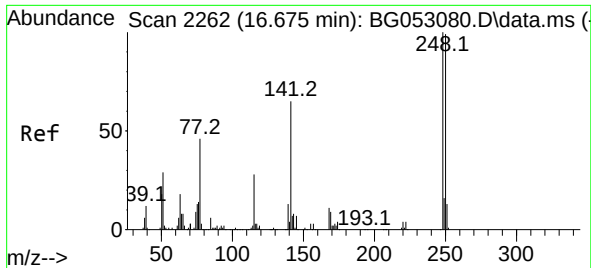
Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 8.2 7.2 10.8

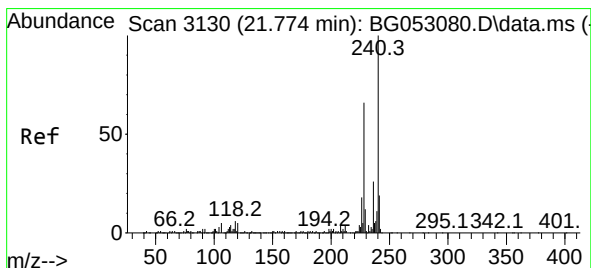
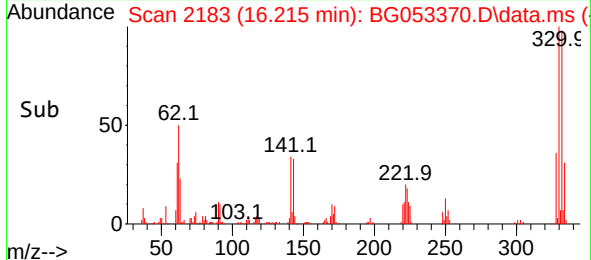
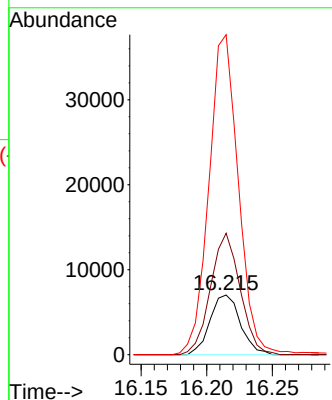
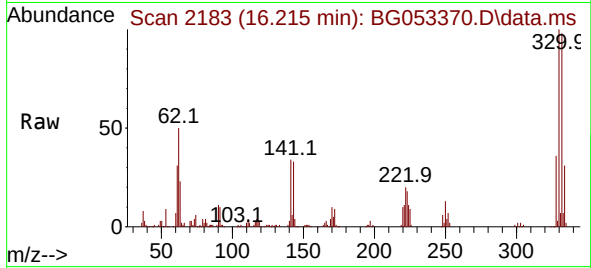




#67
4-Bromophenyl-phenylether
Concen: 4.676 ng
RT: 16.215 min Scan# 2113
Delta R.T. -0.446 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

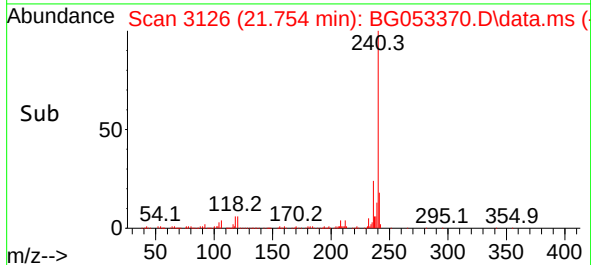
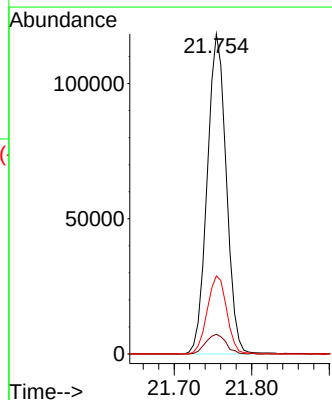
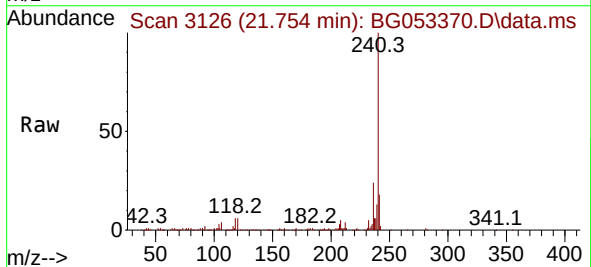
Instrument :
BNA_G
ClientSampleId :
GT-06-(25-30)

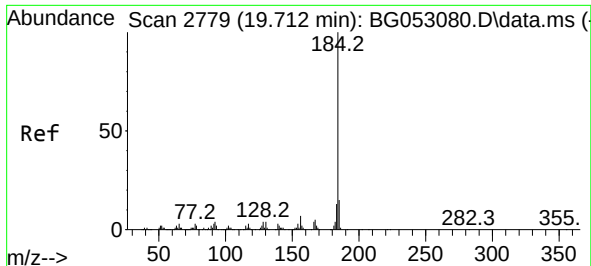
Tgt Ion:248 Resp: 11326
Ion Ratio Lower Upper
248 100
250 203.3 77.9 116.9#
141 535.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Tgt Ion:240 Resp: 202682
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.4 19.8 29.6

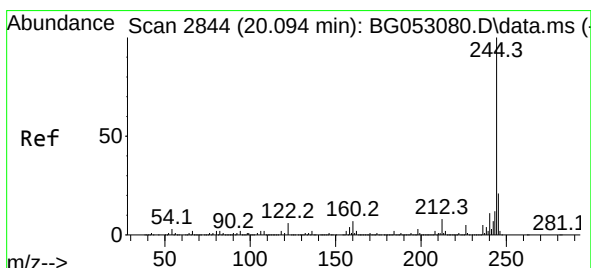
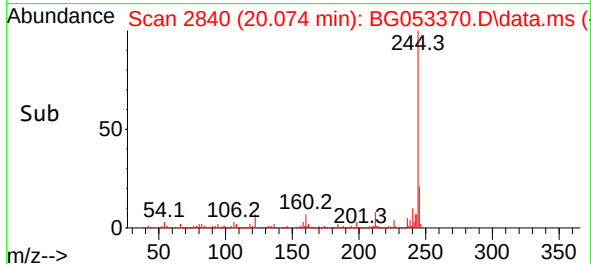
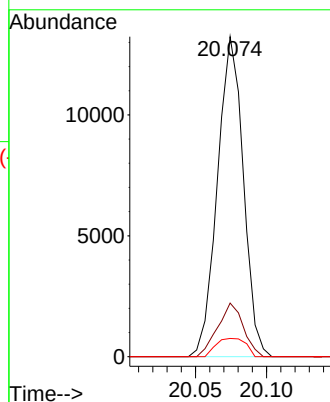
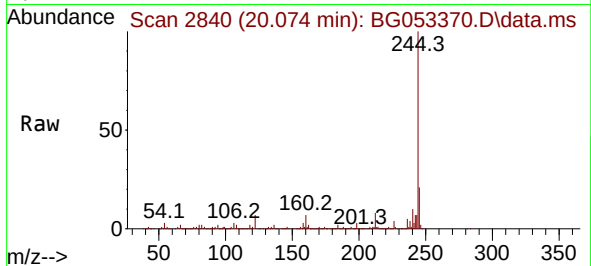




#77
Benzidine
Concen: 2.897 ng
RT: 20.074 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

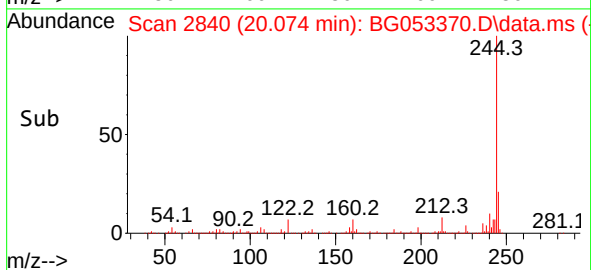
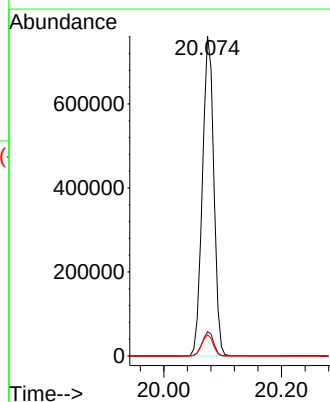
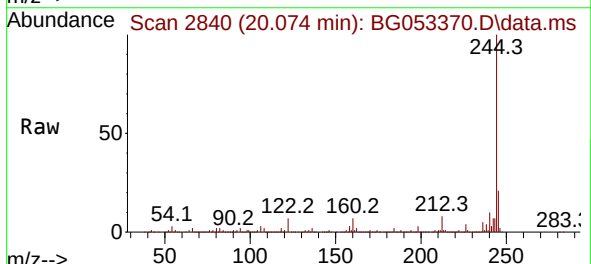
Instrument :
BNA_G
ClientSampleId :
GT-06-(25-30)

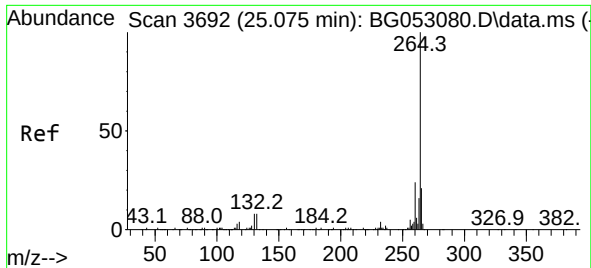
Tgt Ion:184 Resp: 16750
Ion Ratio Lower Upper
184 100
185 16.8 11.5 17.3
183 5.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 85.650 ng
RT: 20.074 min Scan# 2840
Delta R.T. -0.011 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Tgt Ion:244 Resp: 1027869
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.7 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.044 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG053370.D
Acq: 28 Apr 2022 17:24

Instrument :
BNA_G
ClientSampleId :
GT-06-(25-30)

Tgt Ion:264 Resp: 200461

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.6	15.1	22.7

