

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053089.D
 Acq On : 8 Apr 2022 18:20
 Operator : CG/JU
 Sample : PB143990BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143990BL

Quant Time: Apr 09 07:03:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

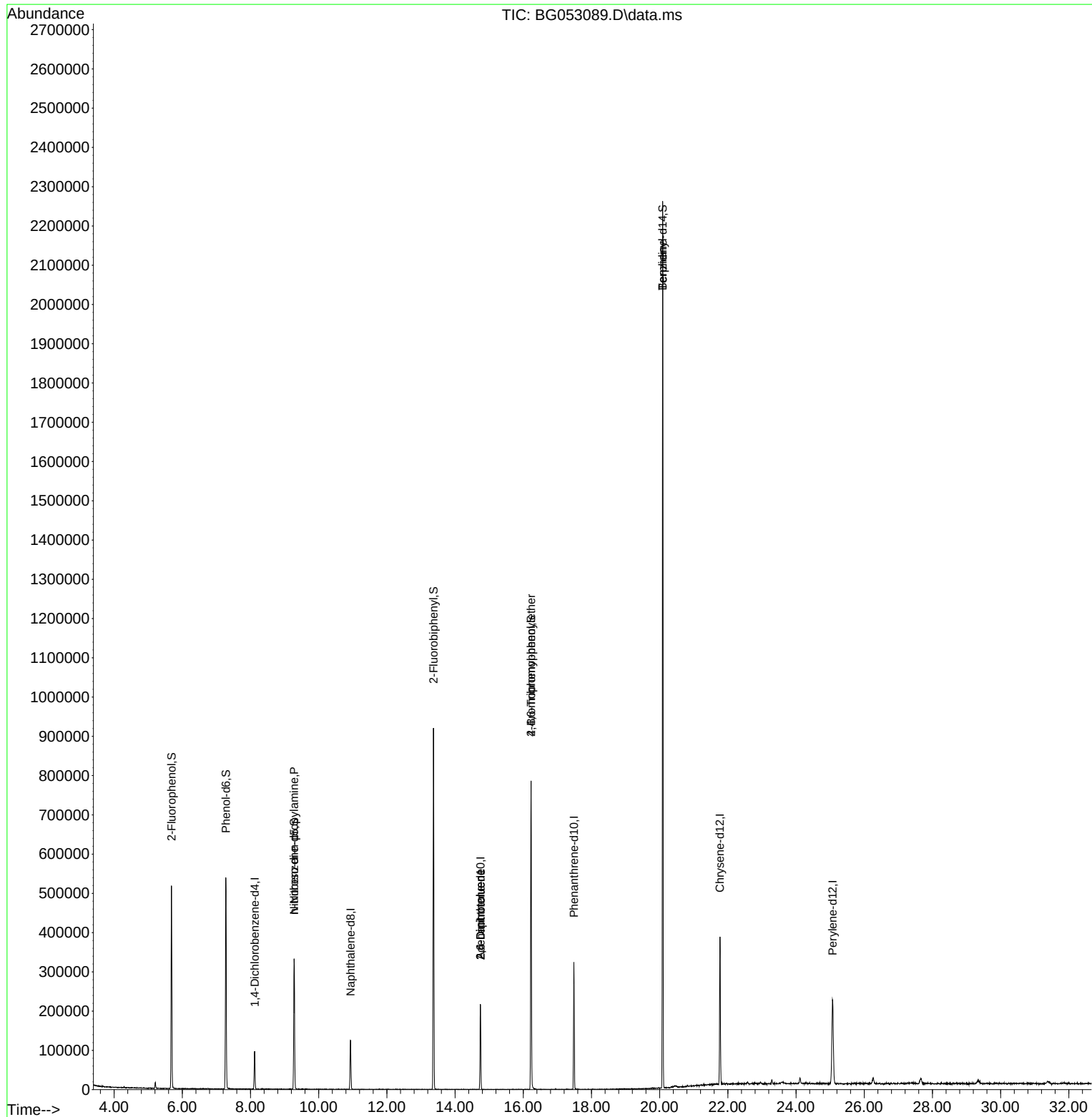
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	25934	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	106183	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	79373	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	204079	20.000	ng	0.00
76) Chrysene-d12	21.769	240	240376	20.000	ng	0.00
86) Perylene-d12	25.070	264	237348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	208046	137.514	ng	0.00
7) Phenol-d6	7.277	99	297178	127.377	ng	0.00
23) Nitrobenzene-d5	9.280	82	215721	82.490	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	159426	126.249	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	477579	82.967	ng	0.00
79) Terphenyl-d14	20.089	244	1142012	80.239	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.280	70	30788	18.025	ng	# 80
51) 2,6-Dinitrotoluene	14.743	165	10924	8.248	ng	# 26
57) 2,4-Dinitrotoluene	14.743	165	10924	5.793	ng	# 25
67) 4-Bromophenyl-phenylether	16.229	248	10732	4.104	ng	# 1
77) Benzidine	20.089	184	18813	2.743	ng	# 91

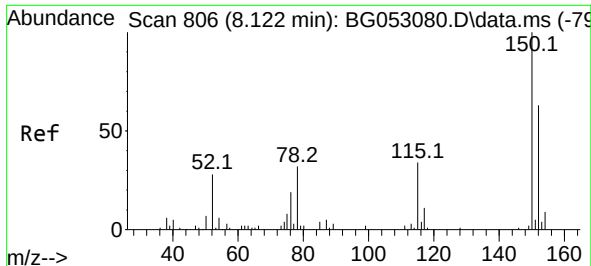
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
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Misc :
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Quant Time: Apr 09 07:03:53 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

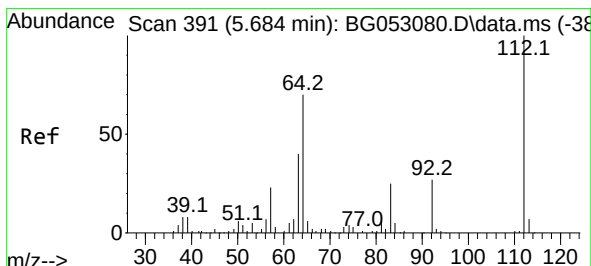
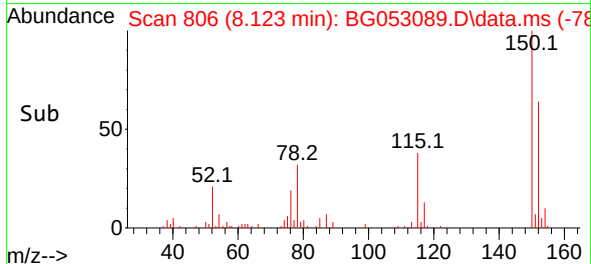
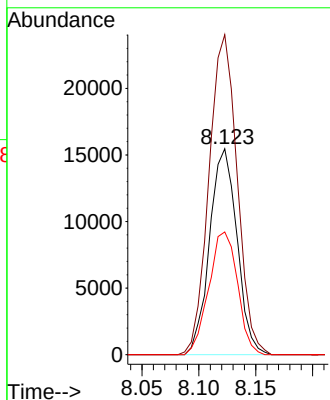
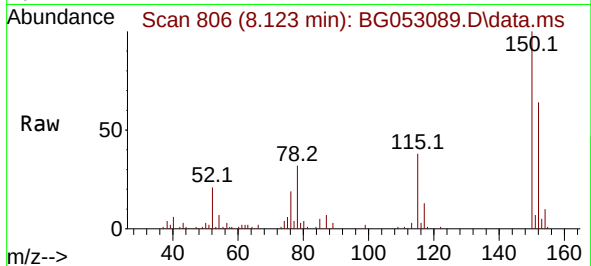




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.123 min Scan# 806
 Delta R.T. 0.001 min
 Lab File: BG053089.D
 Acq: 8 Apr 2022 18:20

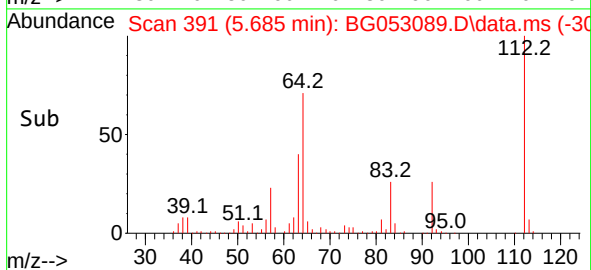
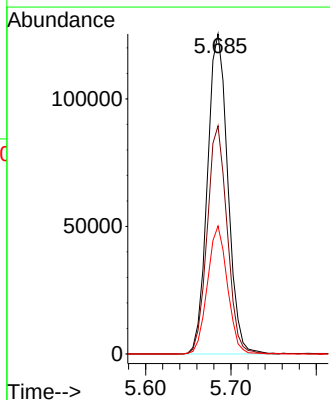
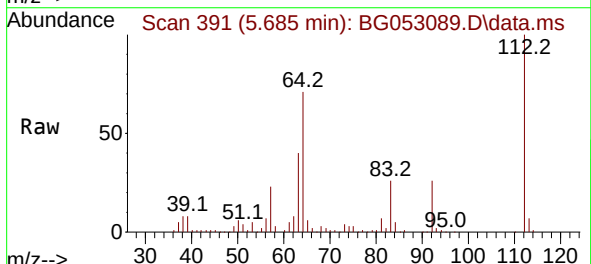
Instrument :
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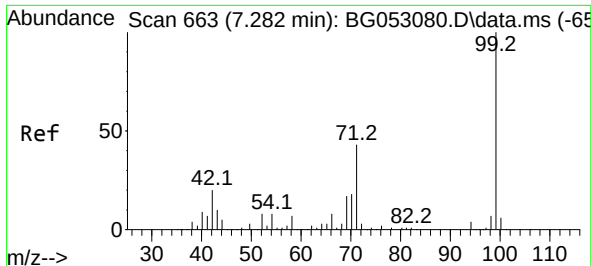
Tgt Ion:152 Resp: 25934
 Ion Ratio Lower Upper
 152 100
 150 155.4 114.6 172.0
 115 59.6 45.9 68.9



#5
 2-Fluorophenol
 Concen: 137.514 ng
 RT: 5.685 min Scan# 391
 Delta R.T. 0.001 min
 Lab File: BG053089.D
 Acq: 8 Apr 2022 18:20

Tgt Ion:112 Resp: 208046
 Ion Ratio Lower Upper
 112 100
 64 71.3 48.0 72.0
 63 40.0 26.5 39.7#

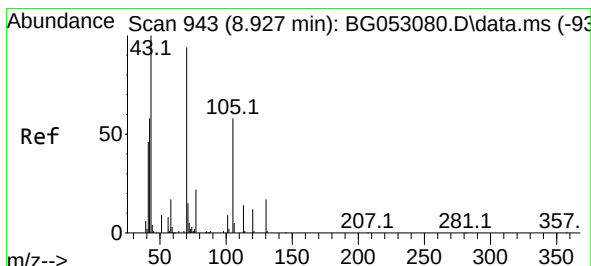
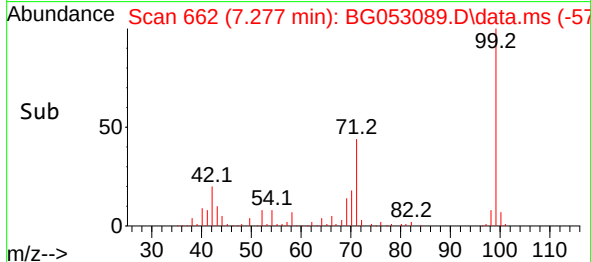
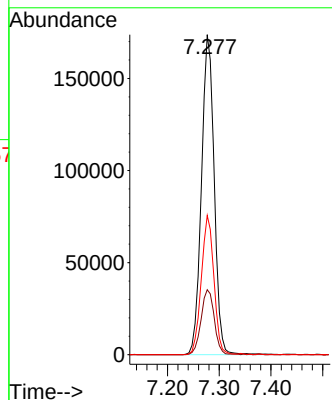
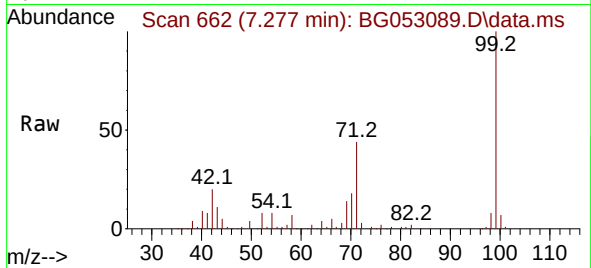




#7
Phenol-d6
Concen: 127.377 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

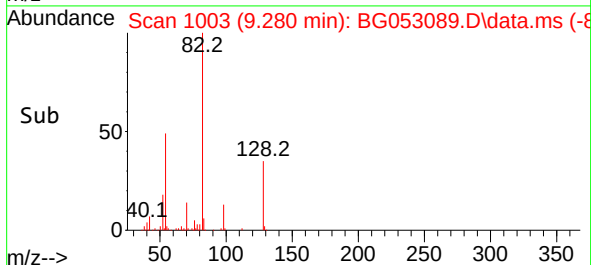
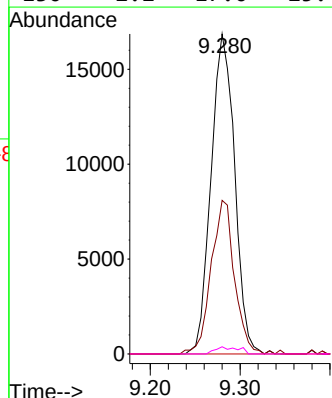
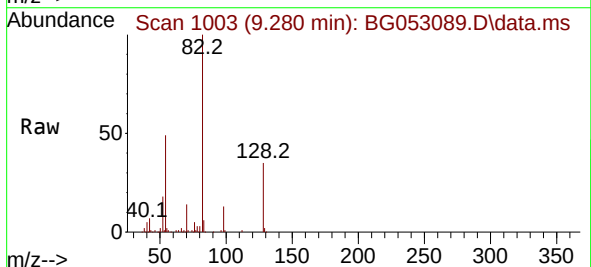
Instrument :
BNA_G
ClientSampleId :
PB143990BL

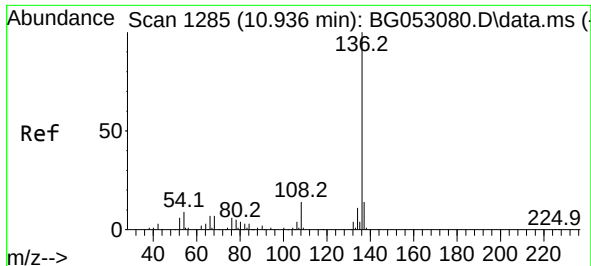
Tgt Ion: 99 Resp: 297178
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 43.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.025 ng
RT: 9.280 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

Tgt Ion: 70 Resp: 30788
Ion Ratio Lower Upper
70 100
42 48.0 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#

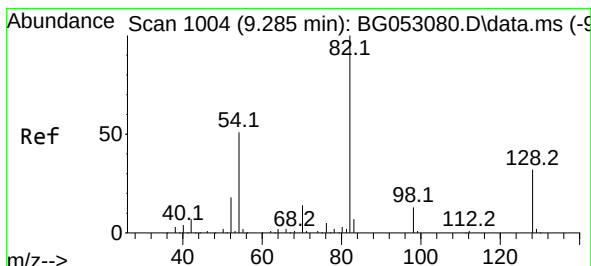
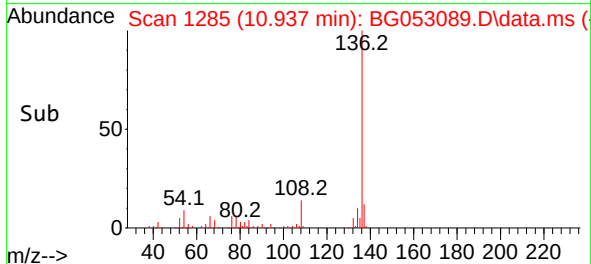
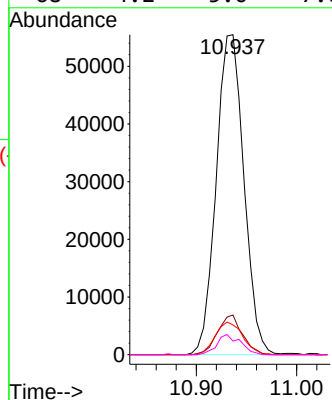
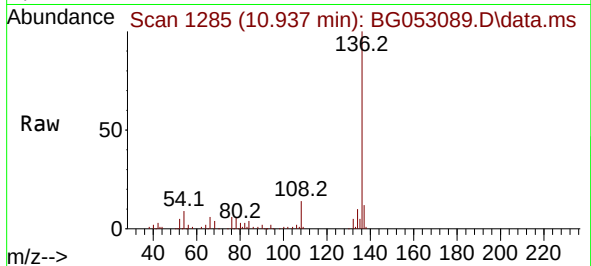




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 106183
Delta R.T. 0.001 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

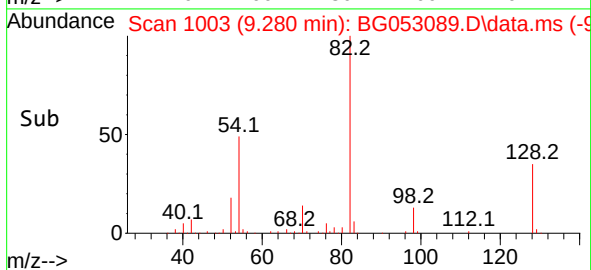
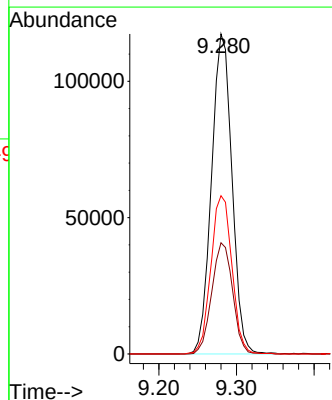
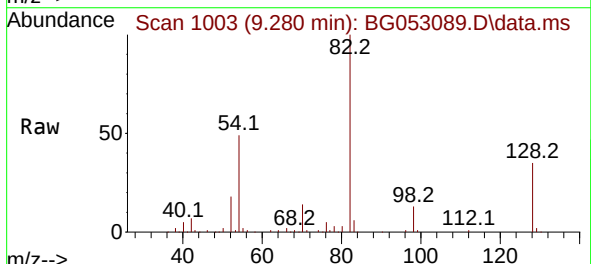
Instrument :
BNA_G
ClientSampleId :
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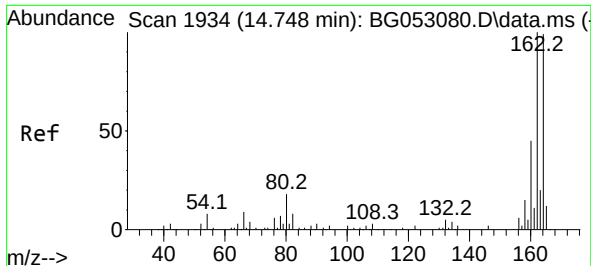
Tgt Ion:136 Resp: 106183
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.2
54 9.3 6.4 9.6
68 4.2 5.0 7.6#



#23
Nitrobenzene-d5
Concen: 82.490 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

Tgt Ion: 82 Resp: 215721
Ion Ratio Lower Upper
82 100
128 34.8 31.3 46.9
54 49.4 37.8 56.8

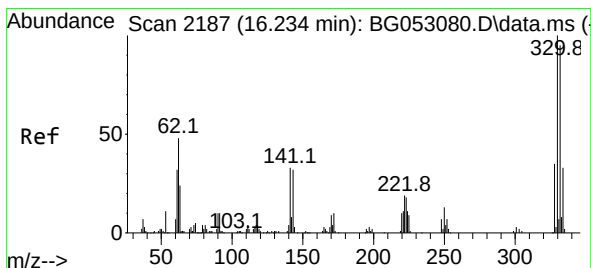
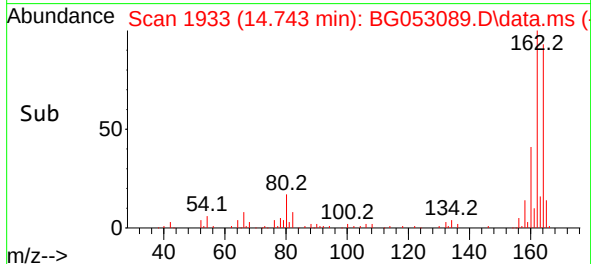
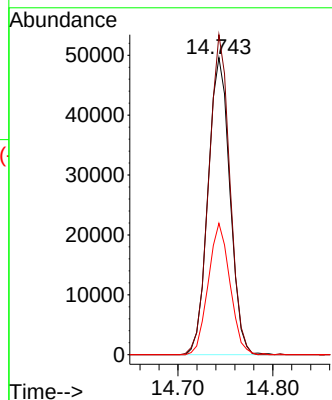
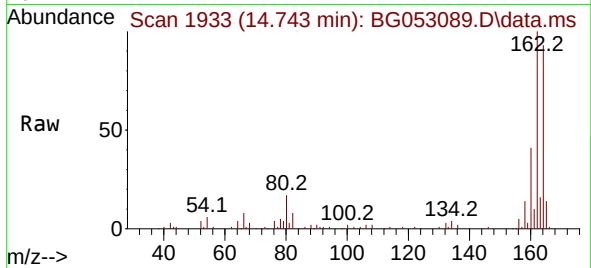




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.743 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: BG053089.D
 Acq: 8 Apr 2022 18:20

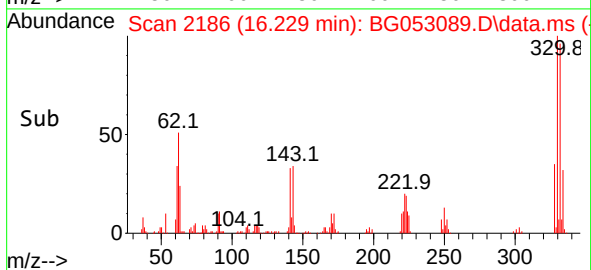
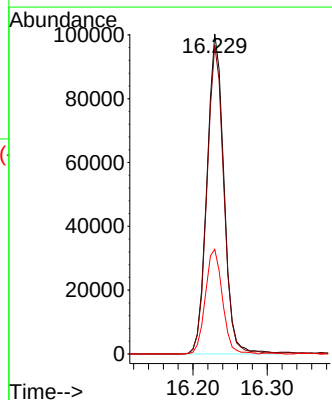
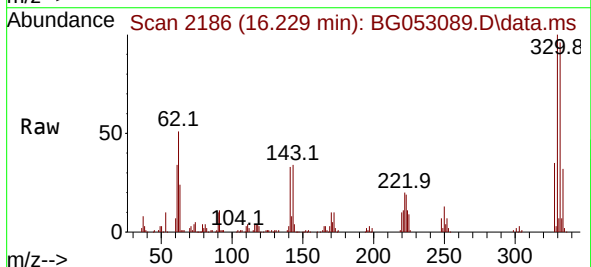
Instrument :
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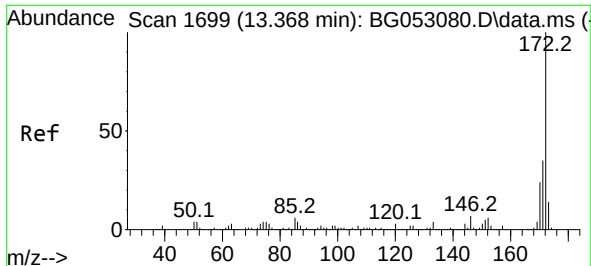
Tgt Ion:164 Resp: 79373
 Ion Ratio Lower Upper
 164 100
 162 107.7 80.0 120.0
 160 44.2 38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 126.249 ng
 RT: 16.229 min Scan# 2186
 Delta R.T. -0.005 min
 Lab File: BG053089.D
 Acq: 8 Apr 2022 18:20

Tgt Ion:330 Resp: 159426
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 32.9 24.6 36.8

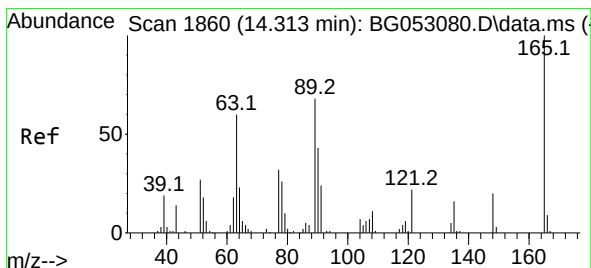
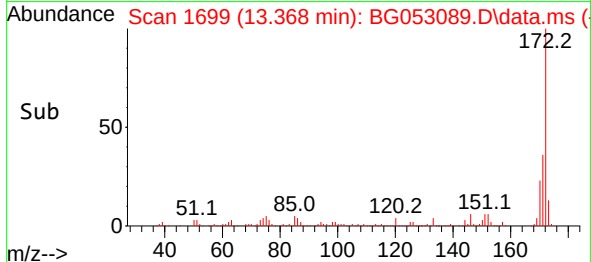
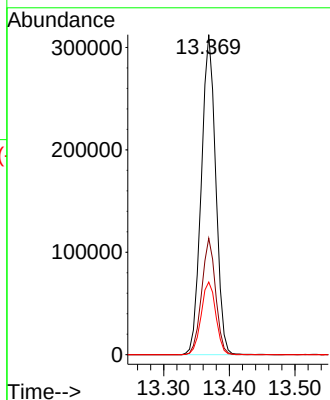
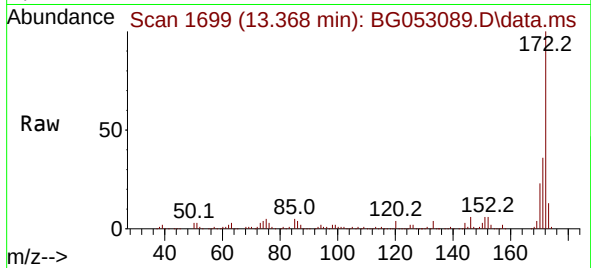




#45
2-Fluorobiphenyl
Concen: 82.967 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

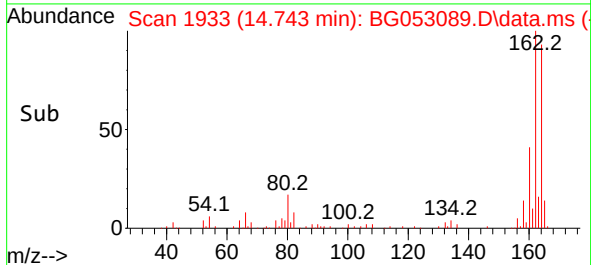
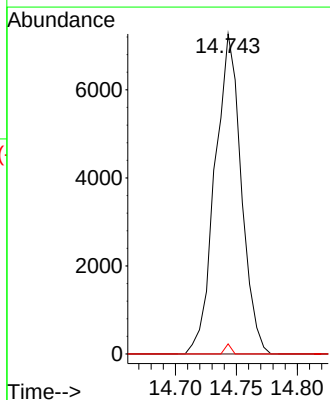
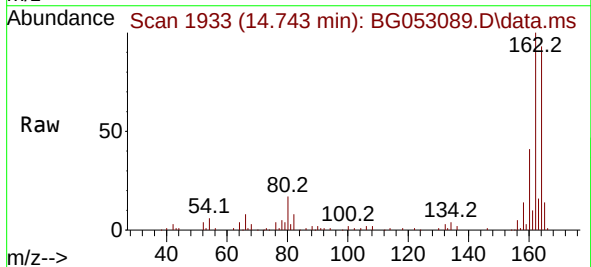
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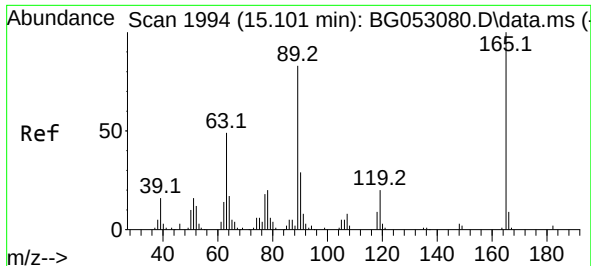
Tgt Ion:172 Resp: 477579
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 22.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.248 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.430 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

Tgt Ion:165 Resp: 10924
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.1 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.793 ng

RT: 14.743 min Scan# 1994

Delta R.T. -0.358 min

Lab File: BG053089.D

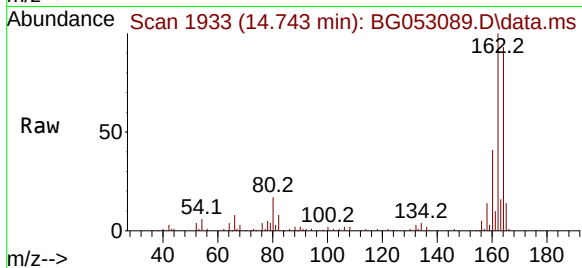
Acq: 8 Apr 2022 18:20

Instrument :

BNA_G

ClientSampleId :

PB143990BL



Tgt Ion:165 Resp: 10924

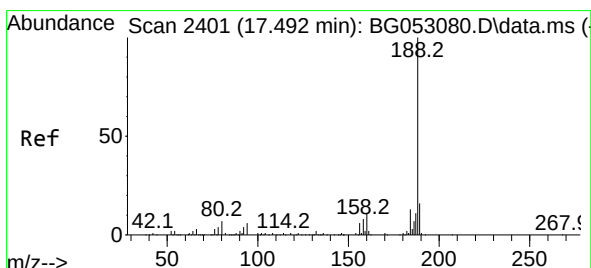
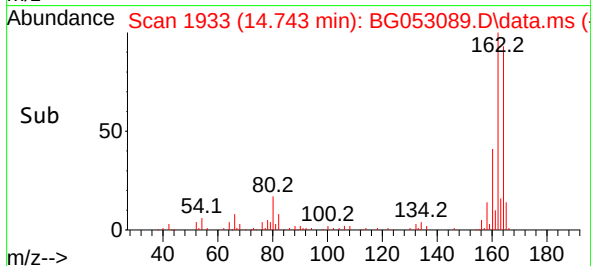
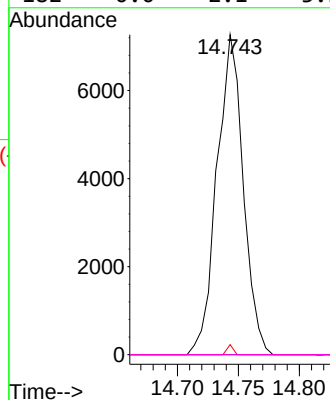
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 3.1 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. -0.005 min

Lab File: BG053089.D

Acq: 8 Apr 2022 18:20

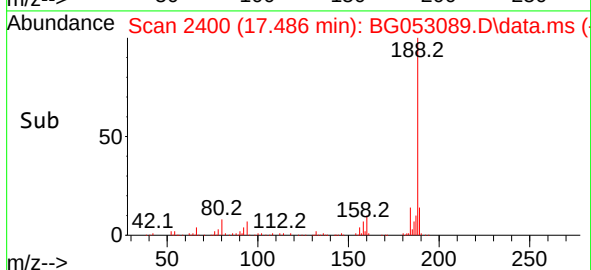
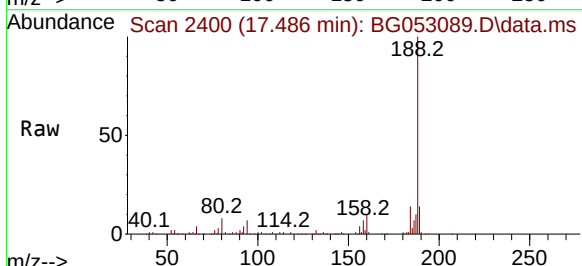
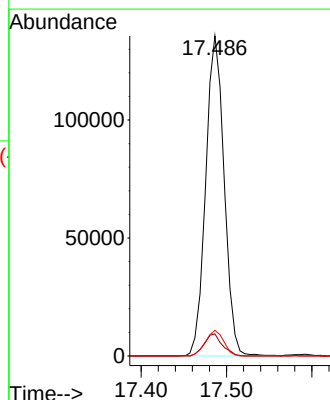
Tgt Ion:188 Resp: 204079

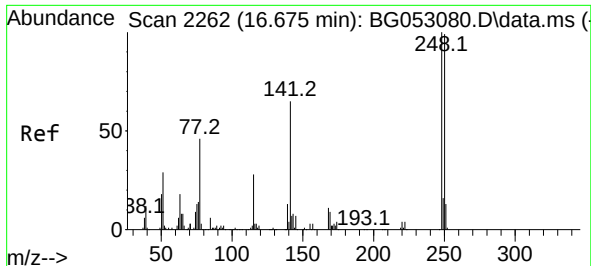
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 8.0 7.2 10.8

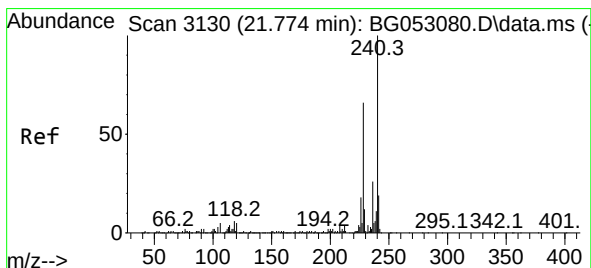
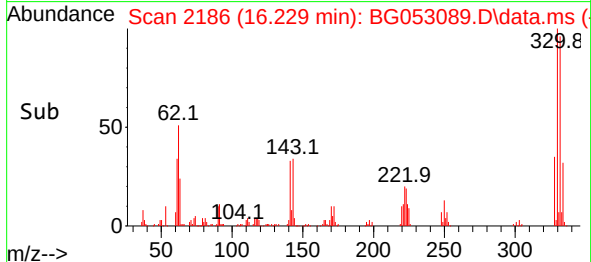
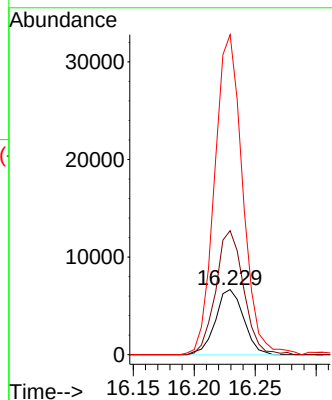
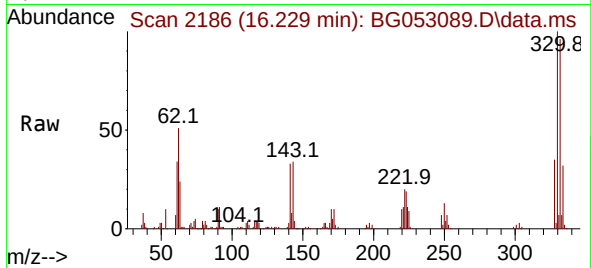




#67
4-Bromophenyl-phenylether
Concen: 4.104 ng
RT: 16.229 min Scan# 2118
Delta R.T. -0.446 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

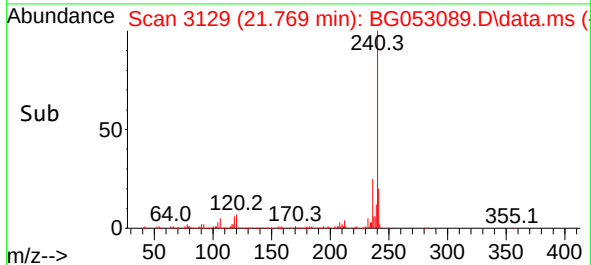
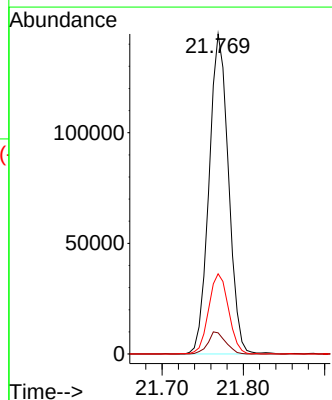
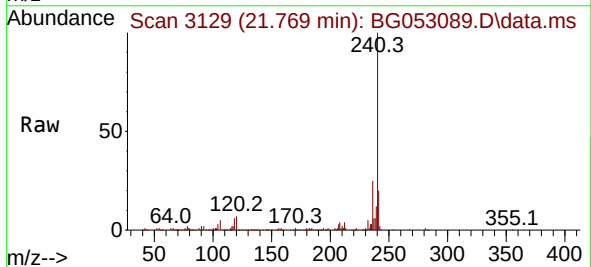
Instrument :
BNA_G
ClientSampleId :
PB143990BL

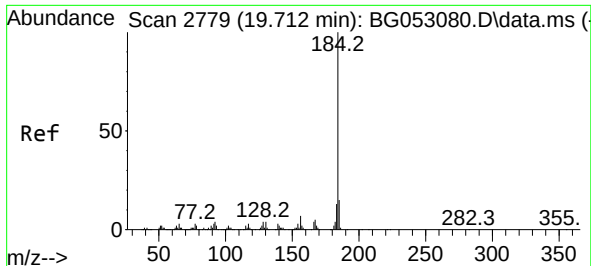
Tgt Ion:248 Resp: 10732
Ion Ratio Lower Upper
248 100
250 190.3 77.9 116.9#
141 490.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

Tgt Ion:240 Resp: 240376
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.1 19.8 29.6

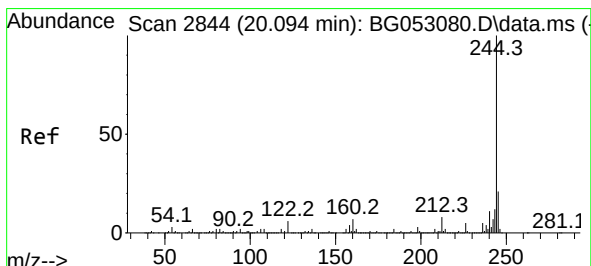
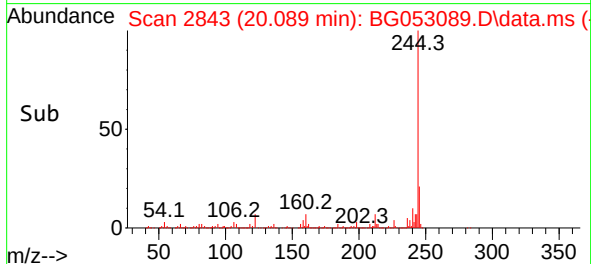
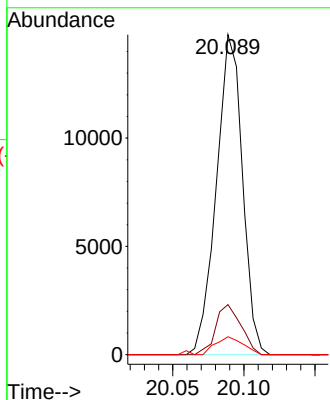
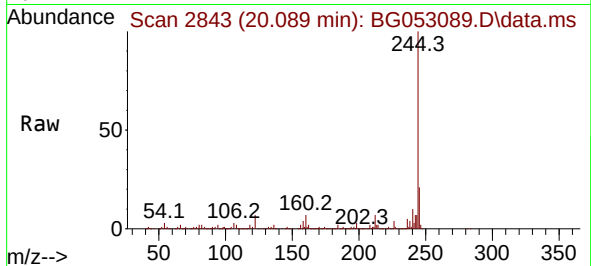




#77
Benzidine
Concen: 2.743 ng
RT: 20.089 min Scan# 21
Delta R.T. 0.377 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

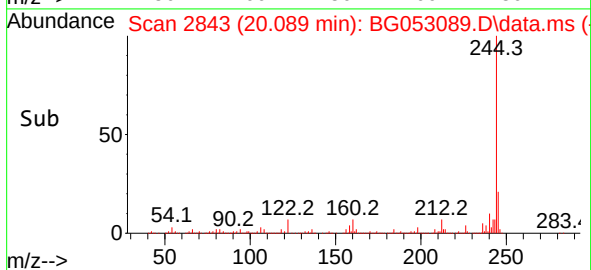
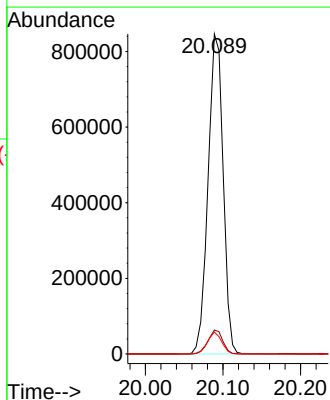
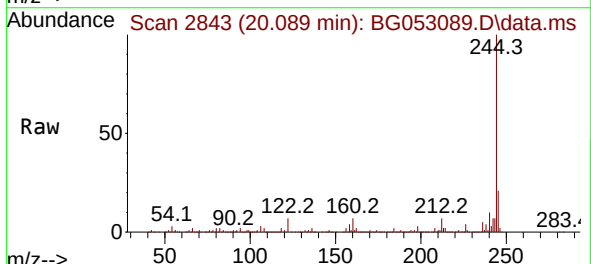
Instrument :
BNA_G
ClientSampleId :
PB143990BL

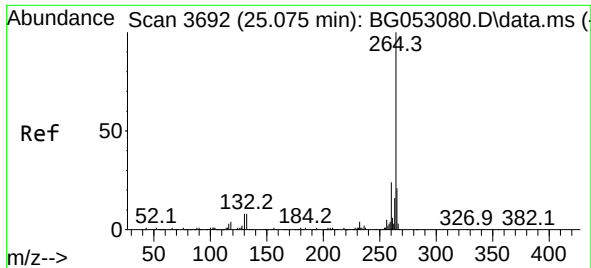
Tgt Ion:184 Resp: 18813
Ion Ratio Lower Upper
184 100
185 15.7 11.5 17.3
183 5.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.239 ng
RT: 20.089 min Scan# 2843
Delta R.T. -0.005 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

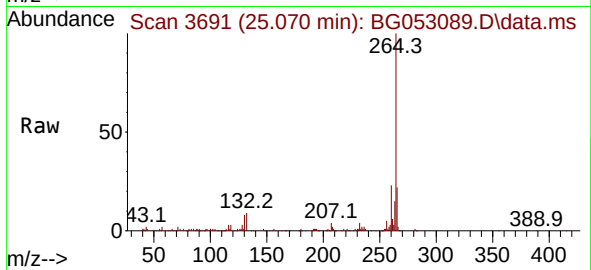
Tgt Ion:244 Resp: 1142012
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.9 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053089.D
Acq: 8 Apr 2022 18:20

Instrument :
BNA_G
ClientSampleId :
PB143990BL



Tgt Ion:264 Resp: 237348

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	22.3	15.1	22.7

