

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053264.D
 Acq On : 22 Apr 2022 16:57
 Operator : CG/JU
 Sample : N2487-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-PB

Quant Time: Apr 24 01:15:39 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)

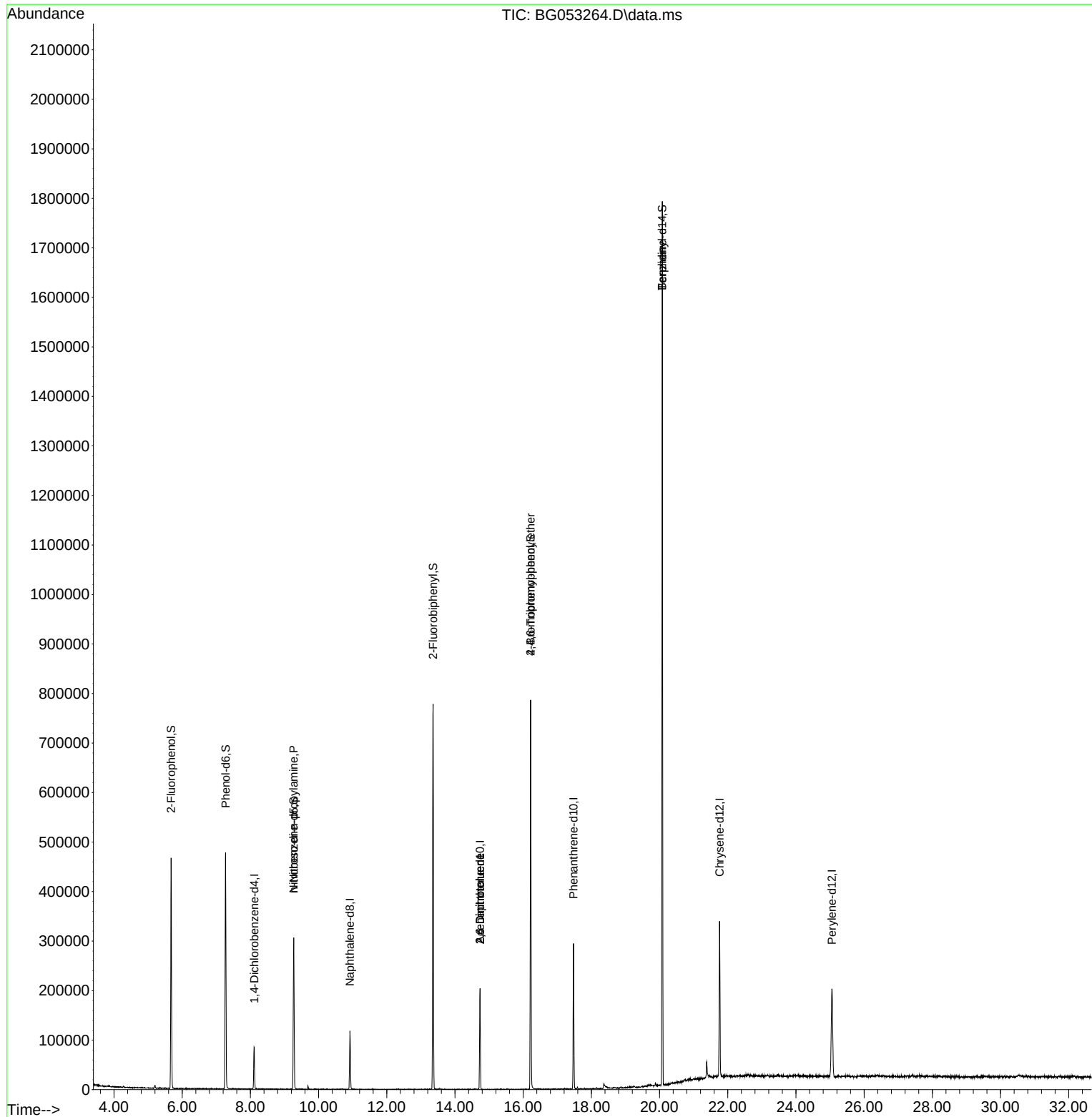
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	23453	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	95108	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	73438	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	188049	20.000	ng	0.00
76) Chrysene-d12	21.759	240	200205	20.000	ng	0.00
86) Perylene-d12	25.055	264	204874	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	188690	137.914	ng	0.00
7) Phenol-d6	7.273	99	275290	130.478	ng	0.00
23) Nitrobenzene-d5	9.270	82	193802	82.738	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	157669	134.948	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	422904	79.406	ng	0.00
79) Terphenyl-d14	20.079	244	892197	75.265	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.270	70	27408	17.744	ng	# 80
51) 2,6-Dinitrotoluene	14.733	165	9066	7.398	ng	# 24
57) 2,4-Dinitrotoluene	14.733	165	9066	5.197	ng	# 22
67) 4-Bromophenyl-phenylether	16.219	248	9844	4.085	ng	# 1
77) Benzidine	20.079	184	15127	2.648	ng	# 92

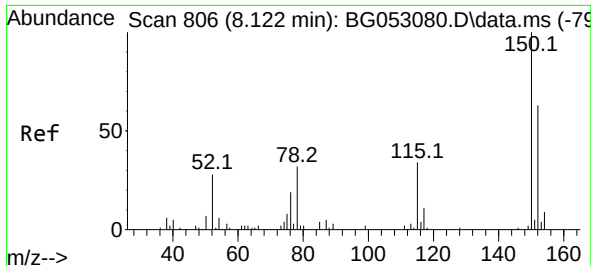
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053264.D
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Sample : N2487-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Apr 24 01:15:39 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
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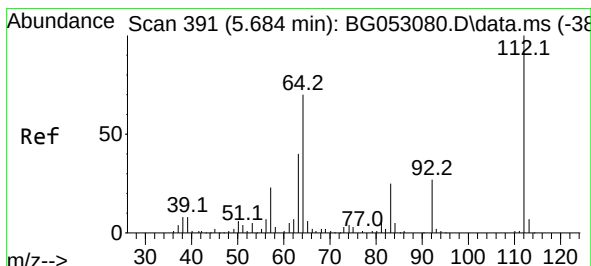
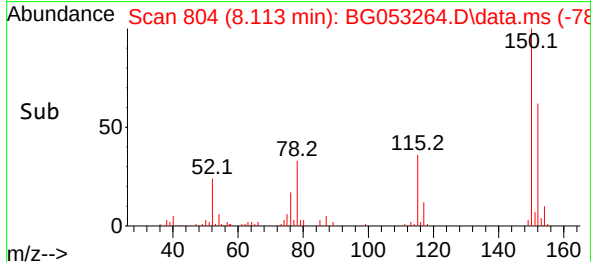
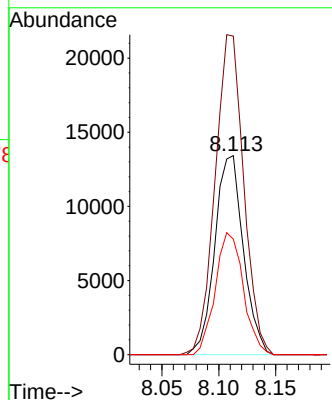
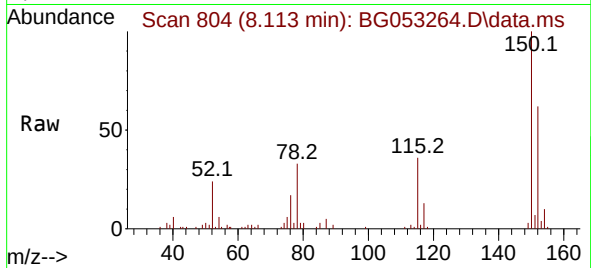




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

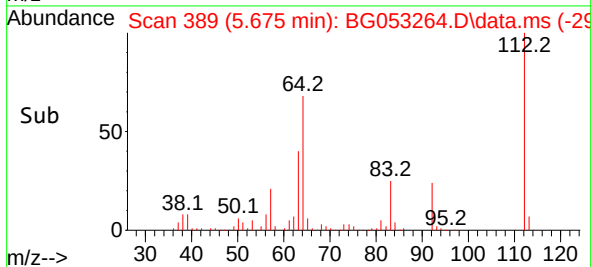
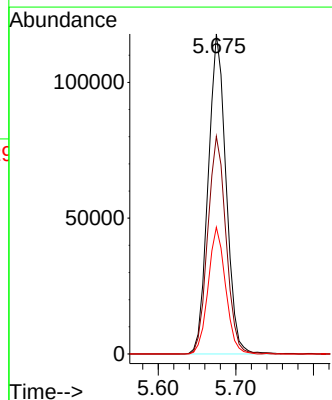
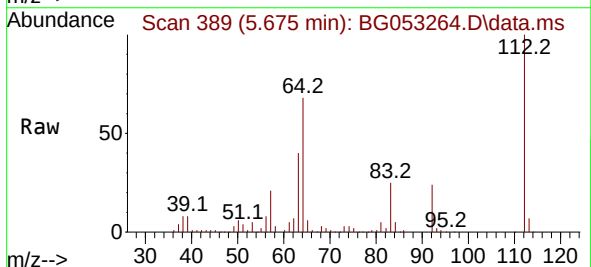
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

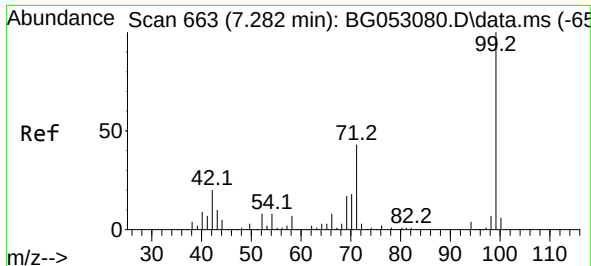
Tgt Ion:152 Resp: 23453
Ion Ratio Lower Upper
152 100
150 160.1 114.6 172.0
115 58.0 45.9 68.9



#5
2-Fluorophenol
Concen: 137.914 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:112 Resp: 188690
Ion Ratio Lower Upper
112 100
64 68.0 48.0 72.0
63 39.6 26.5 39.7

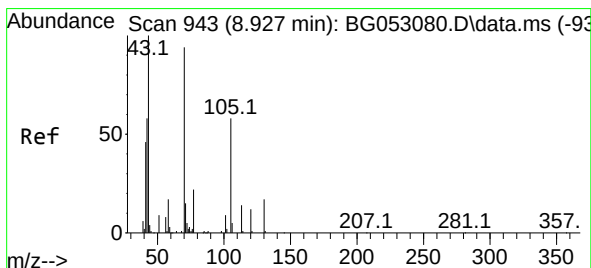
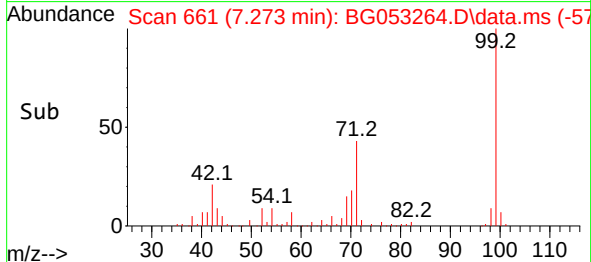
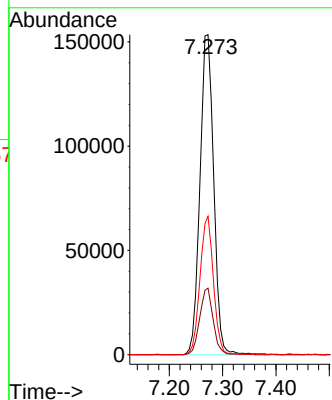
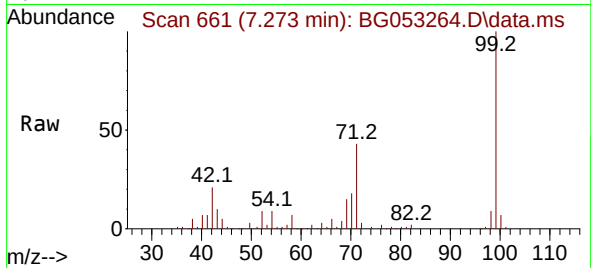




#7
Phenol-d6
Concen: 130.478 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

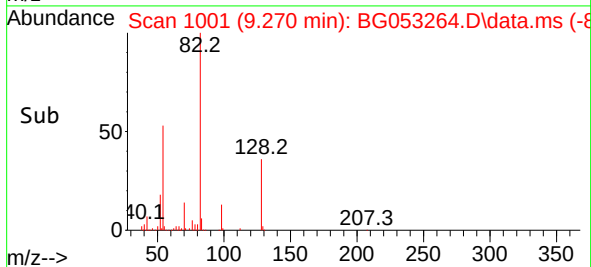
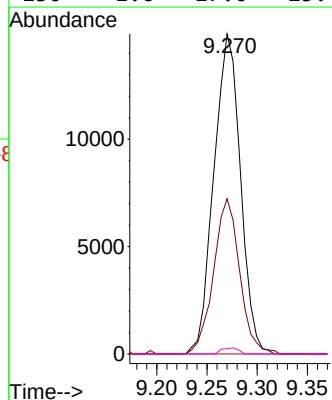
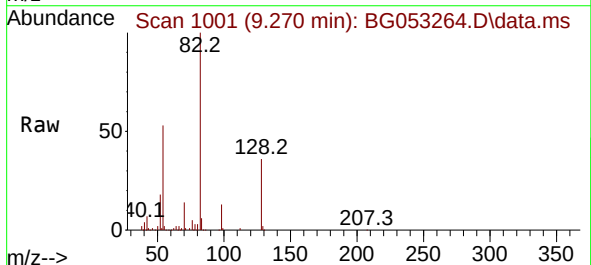
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

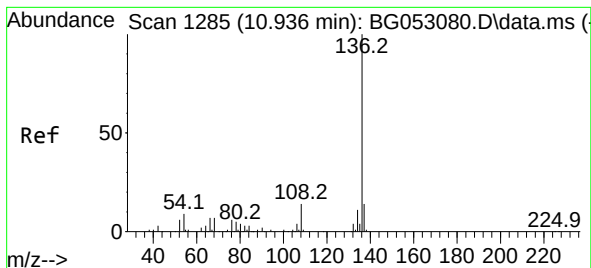
Tgt Ion: 99 Resp: 275290
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 43.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.744 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.358 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion: 70 Resp: 27408
Ion Ratio Lower Upper
70 100
42 48.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.921 min Scan# 1001

Delta R.T. -0.001 min

Lab File: BG053264.D

Acq: 22 Apr 2022 16:57

Instrument :

BNA_G

ClientSampleId :

UST-1-PB

Tgt Ion:136 Resp: 95108

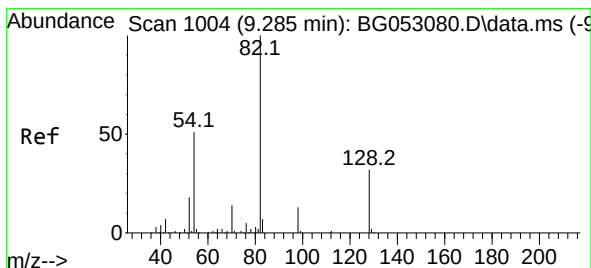
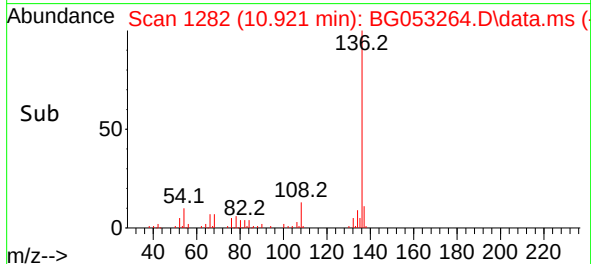
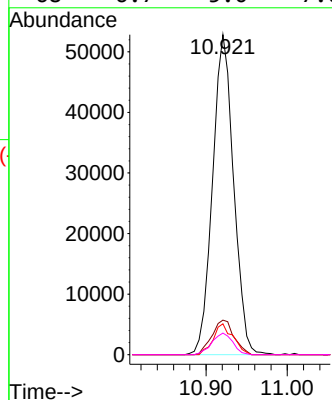
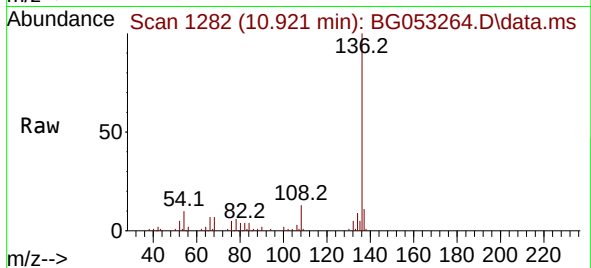
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.2

54 9.7 6.4 9.6#

68 6.7 5.0 7.6



#23

Nitrobenzene-d5

Concen: 82.738 ng

RT: 9.270 min Scan# 1001

Delta R.T. -0.007 min

Lab File: BG053264.D

Acq: 22 Apr 2022 16:57

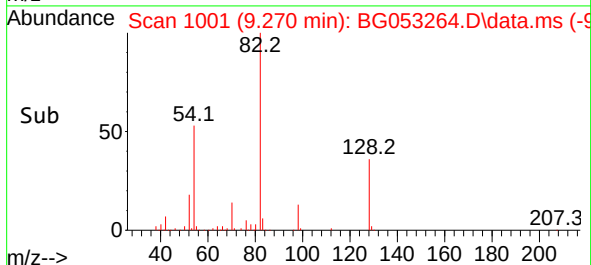
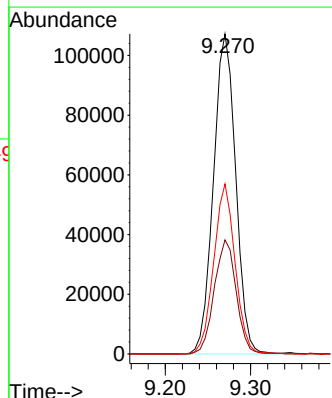
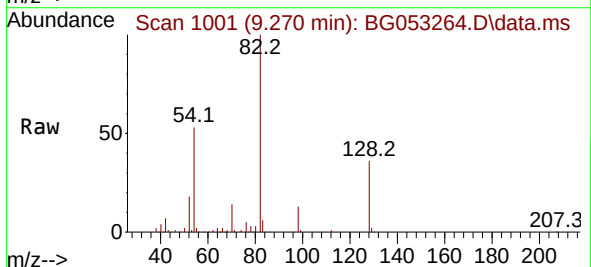
Tgt Ion: 82 Resp: 193802

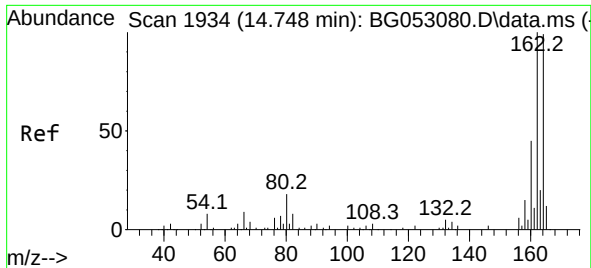
Ion Ratio Lower Upper

82 100

128 35.7 31.3 46.9

54 53.2 37.8 56.8

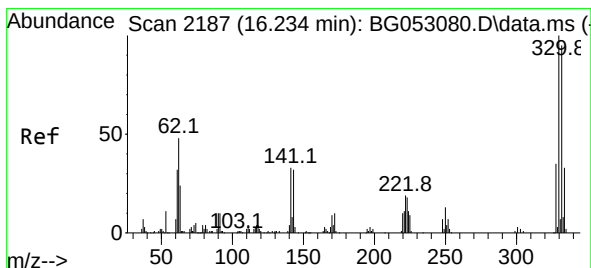
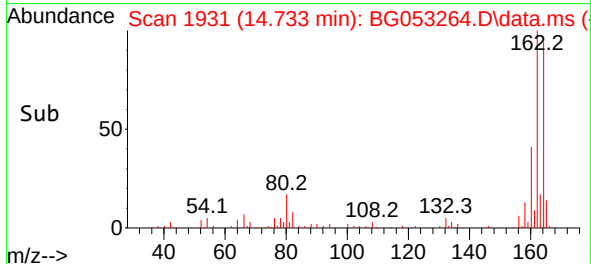
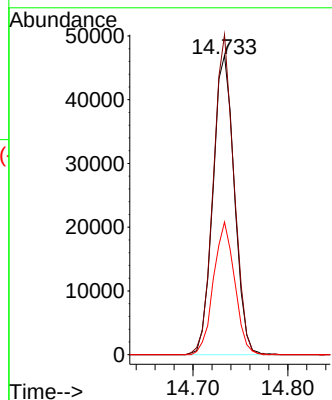
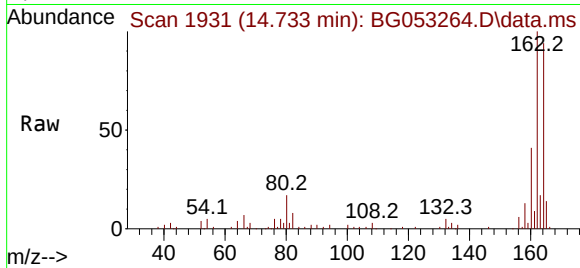




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

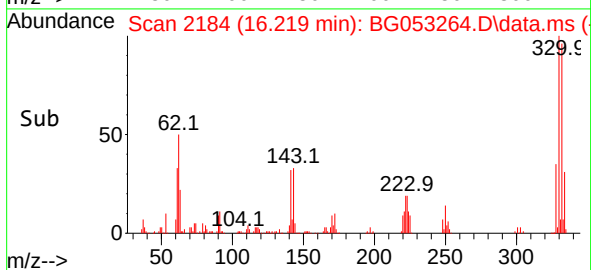
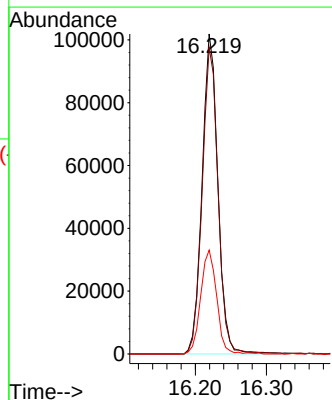
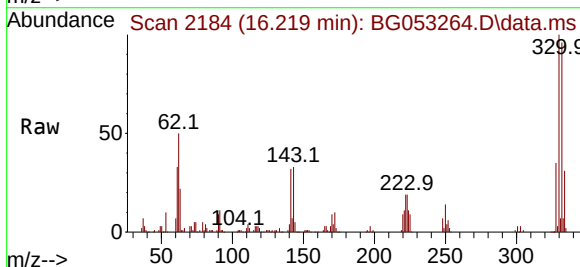
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

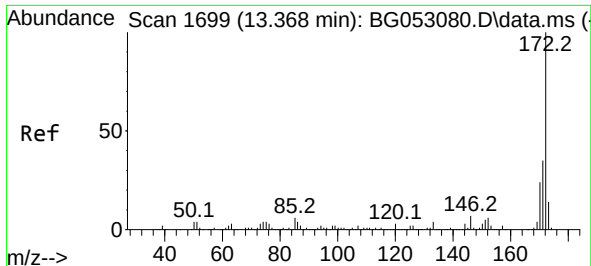
Tgt Ion:164 Resp: 73438
Ion Ratio Lower Upper
164 100
162 106.9 80.0 120.0
160 44.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 134.948 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:330 Resp: 157669
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 32.8 24.6 36.8

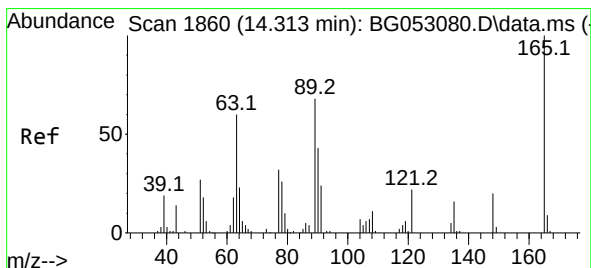
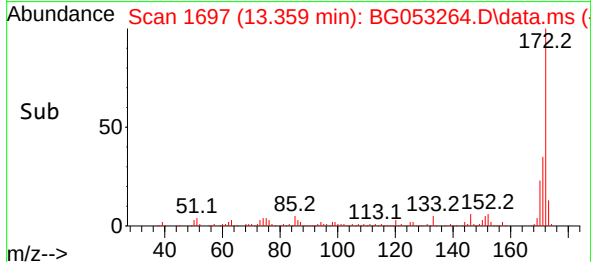
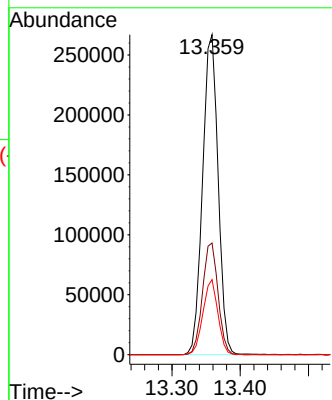
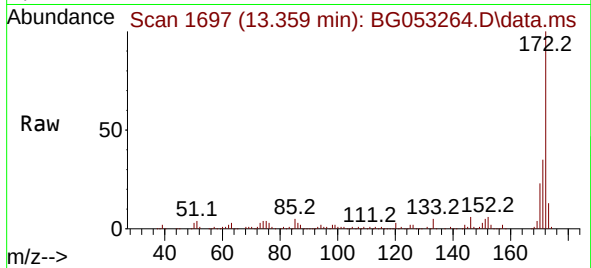




#45
2-Fluorobiphenyl
Concen: 79.406 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

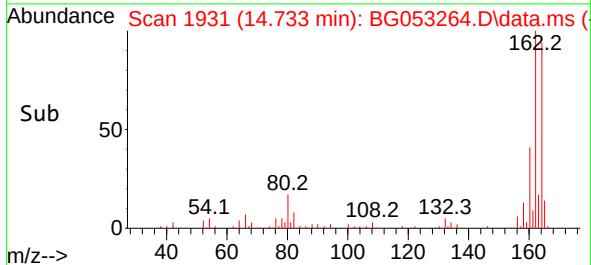
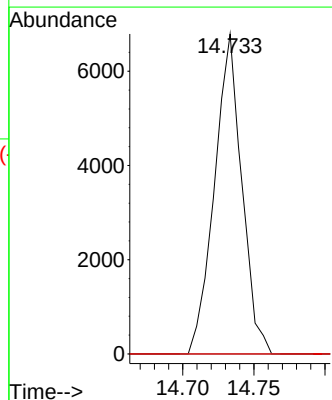
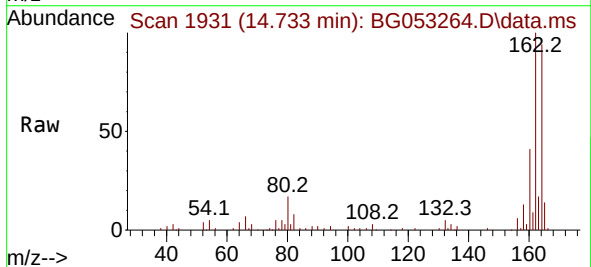
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BNA_G
ClientSampleId :
UST-1-PB

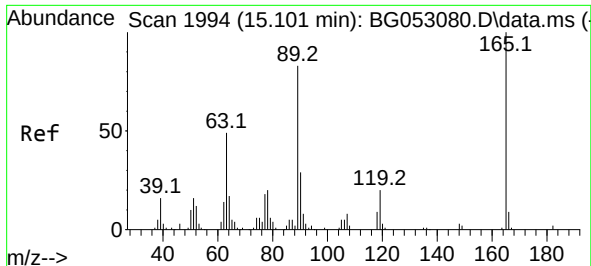
Tgt Ion:172 Resp: 422904
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.398 ng
RT: 14.733 min Scan# 1931
Delta R.T. 0.428 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:165 Resp: 9066
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: 5.197 ng

RT: 14.733 min Scan# 1994

Delta R.T. -0.359 min

Lab File: BG053264.D

Acq: 22 Apr 2022 16:57

Instrument :

BNA_G

ClientSampleId :

UST-1-PB

Tgt Ion:165 Resp: 9066

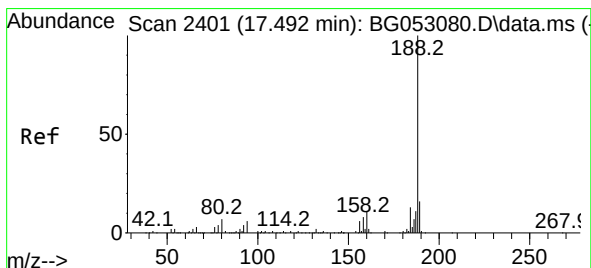
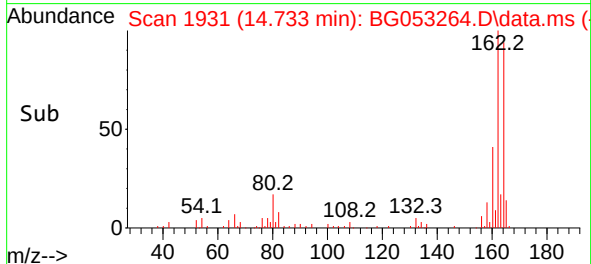
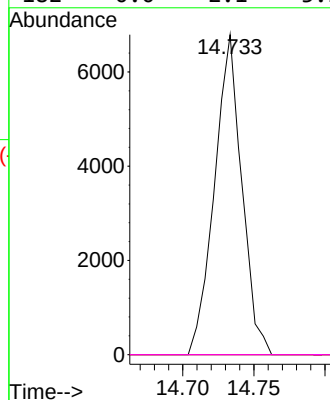
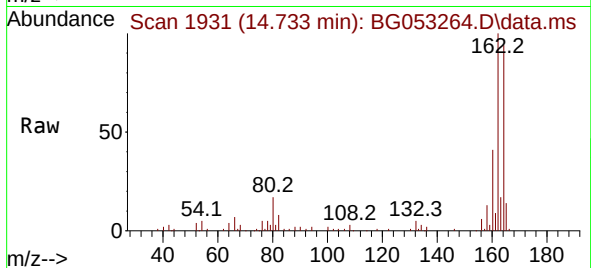
Ion Ratio Lower Upper

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: 17.477 min Scan# 2398

Delta R.T. -0.007 min

Lab File: BG053264.D

Acq: 22 Apr 2022 16:57

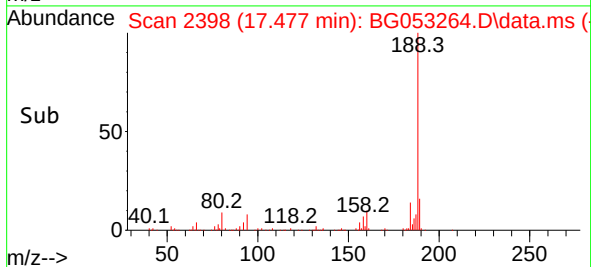
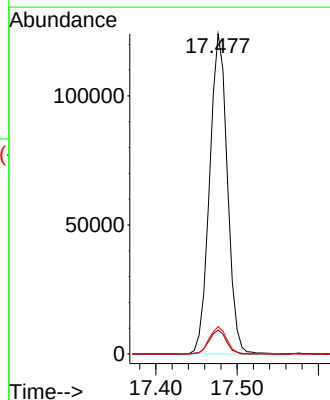
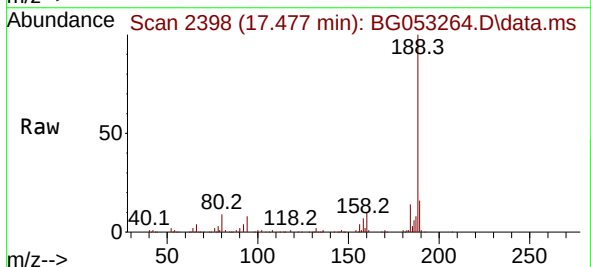
Tgt Ion:188 Resp: 188049

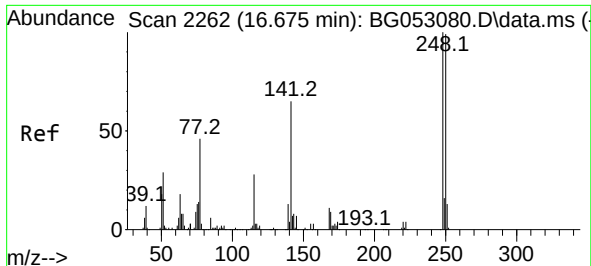
Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

80 8.5 7.2 10.8

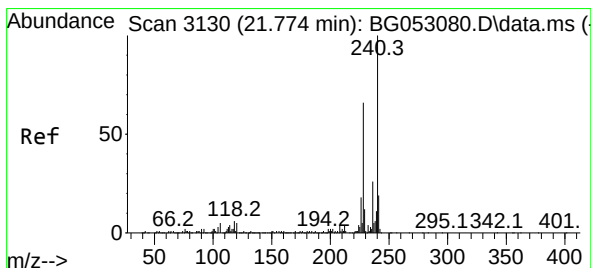
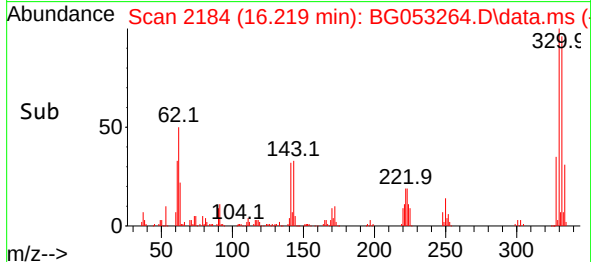
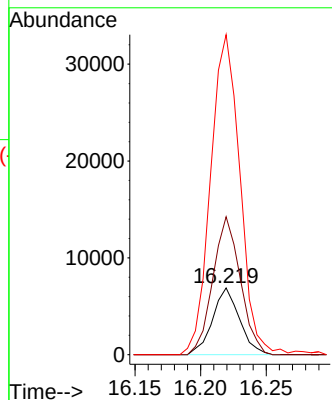
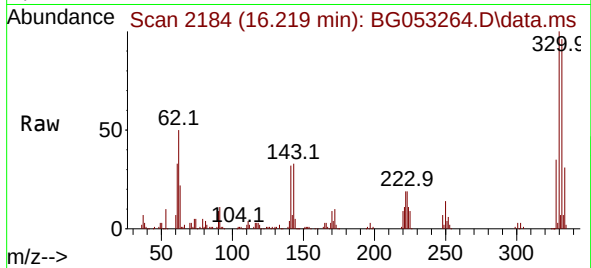




#67
4-Bromophenyl-phenylether
Concen: 4.085 ng
RT: 16.219 min Scan# 2118
Delta R.T. -0.441 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

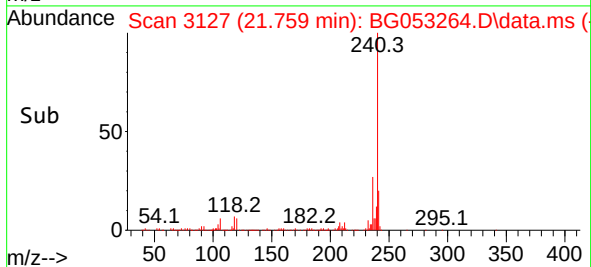
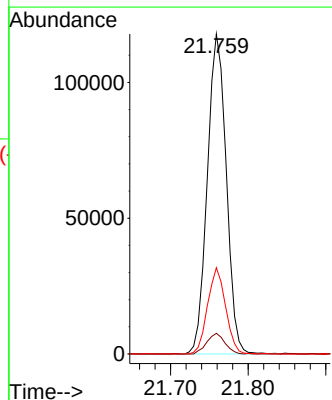
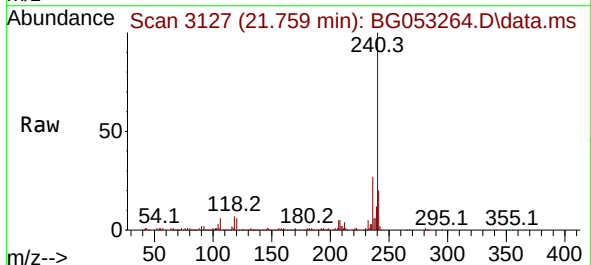
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

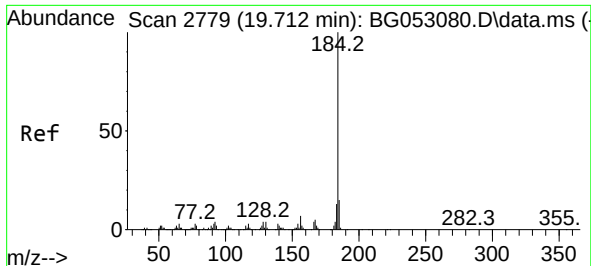
Tgt Ion:248 Resp: 9844
Ion Ratio Lower Upper
248 100
250 206.7 77.9 116.9#
141 479.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:240 Resp: 200205
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 26.9 19.8 29.6

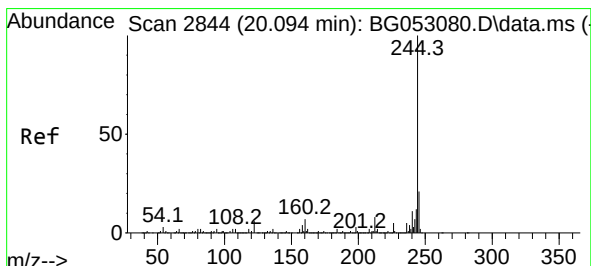
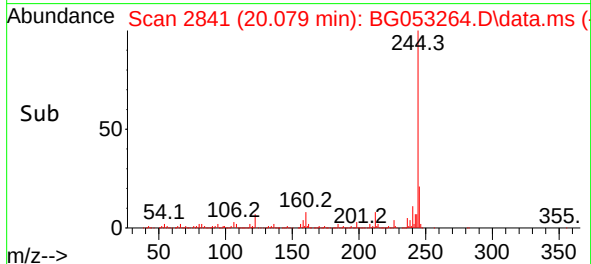
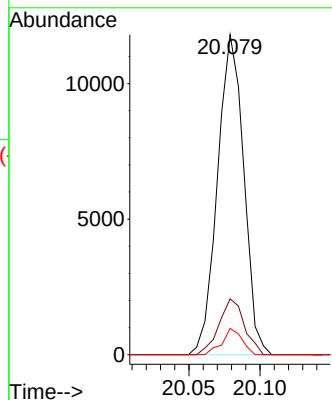
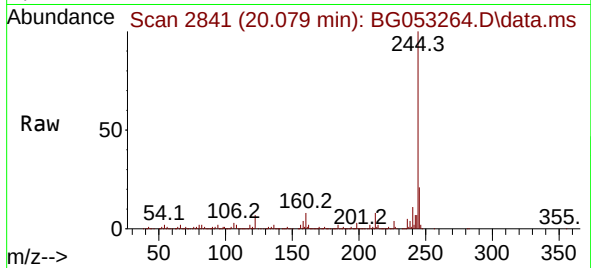




#77
Benzidine
Concen: 2.648 ng
RT: 20.079 min Scan# 2841
Delta R.T. 0.375 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

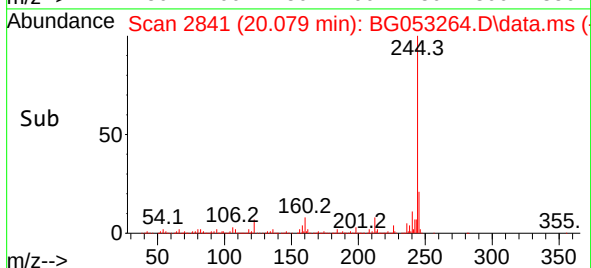
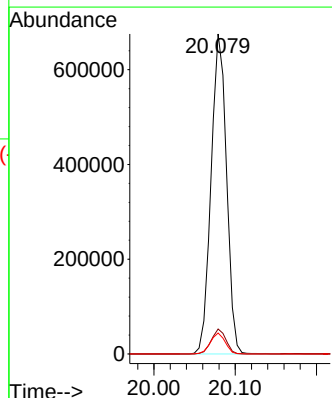
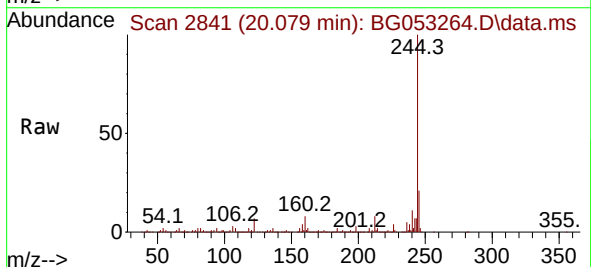
Instrument :
BNA_G
ClientSampleId :
UST-1-PB

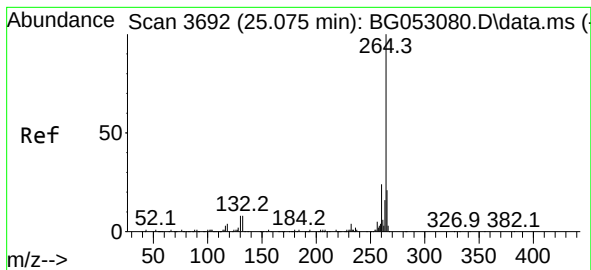
Tgt Ion:184 Resp: 15127
Ion Ratio Lower Upper
184 100
185 17.5 11.5 17.3#
183 8.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.265 ng
RT: 20.079 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG053264.D
Acq: 22 Apr 2022 16:57

Tgt Ion:244 Resp: 892197
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.5 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.055 min Scan# 30

Delta R.T. -0.007 min

Lab File: BG053264.D

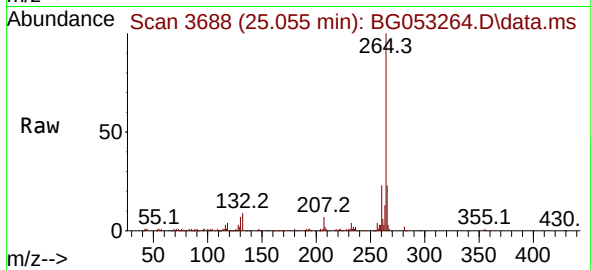
Acq: 22 Apr 2022 16:57

Instrument :

BNA_G

ClientSampleId :

UST-1-PB



Tgt Ion:264 Resp: 204874

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 22.9 15.1 22.7#

