

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057597.D
 Acq On : 26 May 2023 23:57
 Operator : CG/JU
 Sample : PB153024TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153024TB

Quant Time: May 27 02:31:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

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

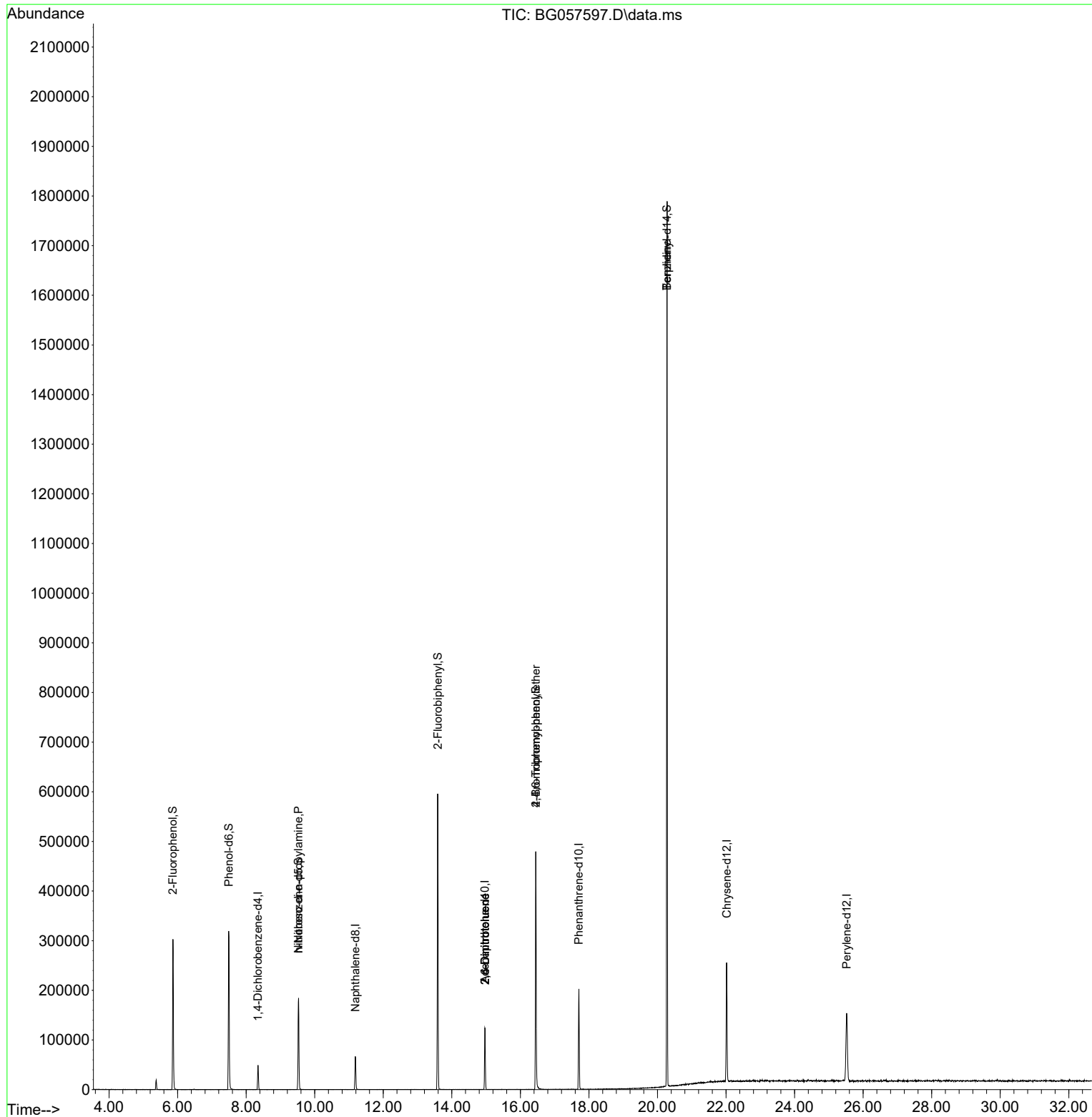
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	15177	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	61976	20.000	ng	0.00
39) Acenaphthene-d10	14.963	164	47882	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	139581	20.000	ng	0.00
76) Chrysene-d12	22.018	240	158169	20.000	ng	0.00
86) Perylene-d12	25.519	264	168306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	138961	159.068	ng	0.00
7) Phenol-d6	7.491	99	201369	147.290	ng	0.00
23) Nitrobenzene-d5	9.529	82	125055	94.324	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	103797	135.399	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	318308	95.536	ng	0.00
79) Terphenyl-d14	20.280	244	892945	97.793	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.529	70	16898	17.791	ng	# 79
51) 2,6-Dinitrotoluene	14.969	165	6320	7.481	ng	# 27
57) 2,4-Dinitrotoluene	14.969	165	6320	4.997	ng	# 25
67) 4-Bromophenyl-phenylether	16.449	248	7152	4.568	ng	# 1
77) Benzidine	20.280	184	12625	2.638	ng	# 89

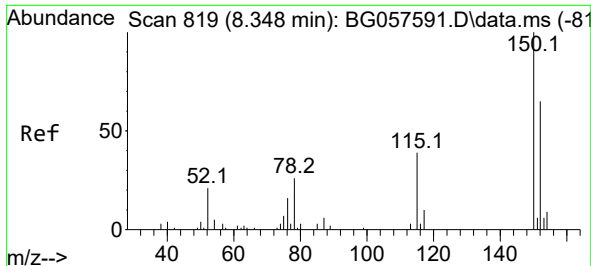
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 26 23:44:40 2023
Response via : Initial Calibration

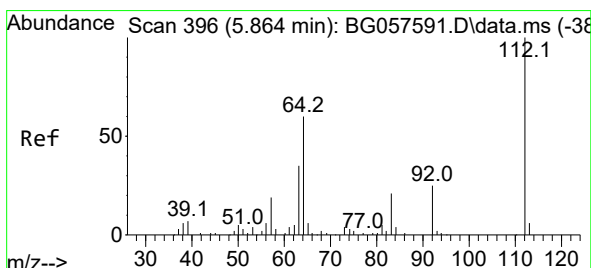
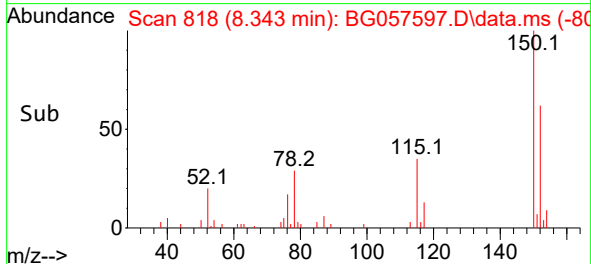
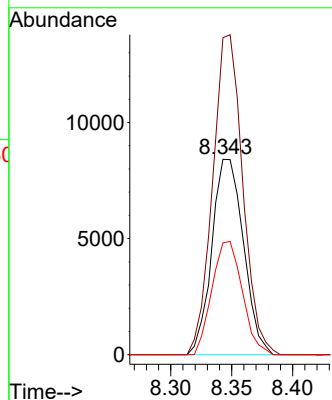
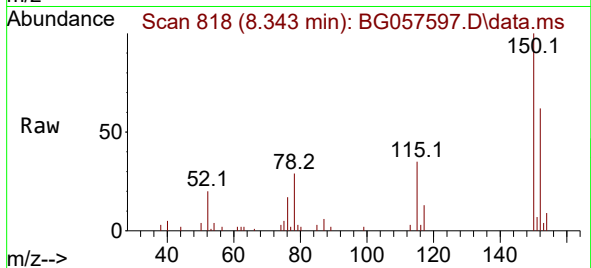




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. -0.005 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

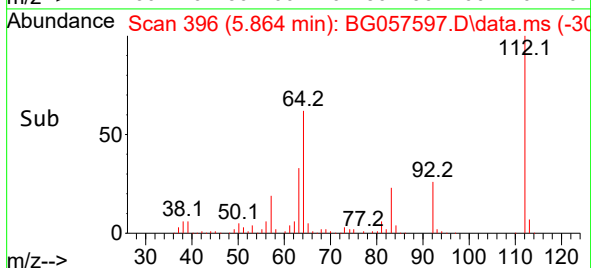
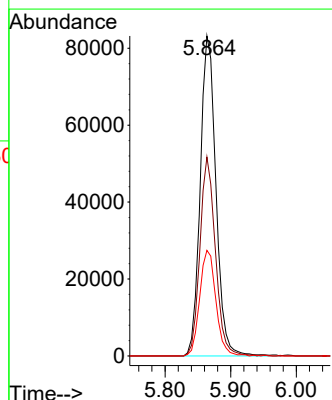
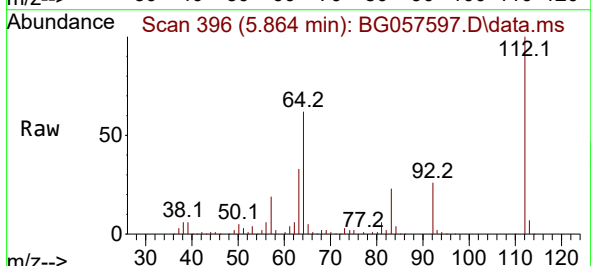
Instrument :
BNA_G
ClientSampleId :
PB153024TB

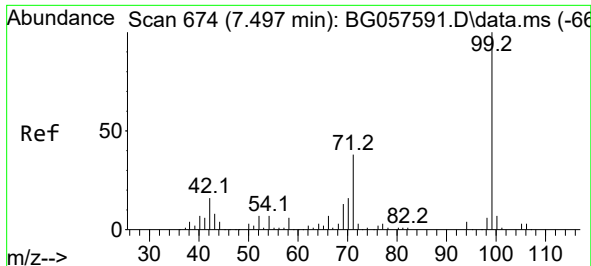
Tgt Ion:152 Resp: 15177
Ion Ratio Lower Upper
152 100
150 162.2 123.0 184.4
115 57.3 47.4 71.2



#5
2-Fluorophenol
Concen: 159.068 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Tgt Ion:112 Resp: 138961
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.6
63 33.0 27.8 41.8

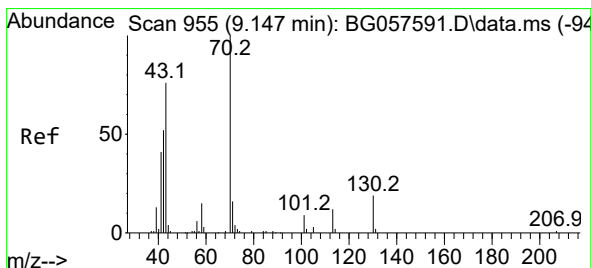
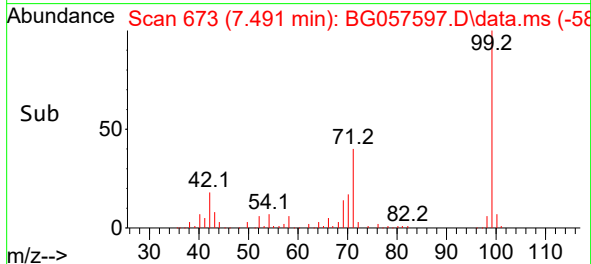
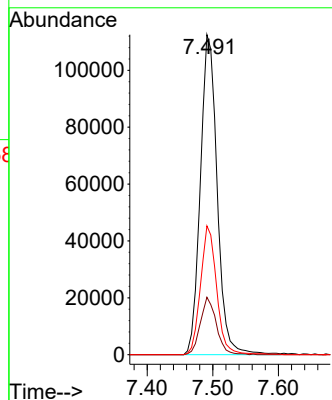
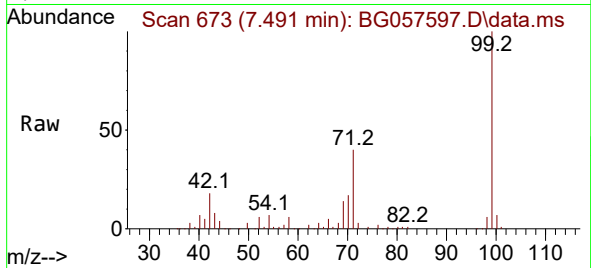




#7
Phenol-d6
Concen: 147.290 ng
RT: 7.491 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

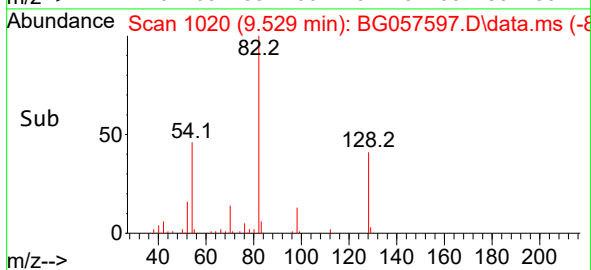
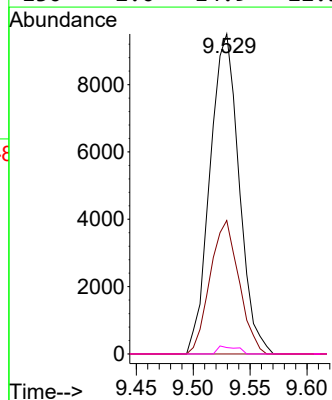
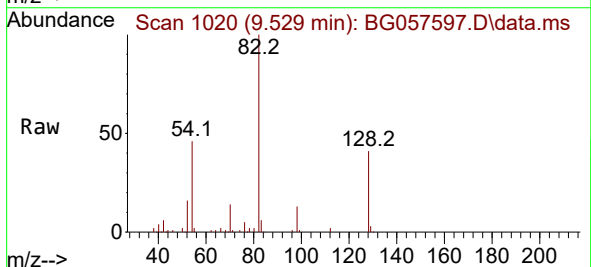
Instrument :
BNA_G
ClientSampleId :
PB153024TB

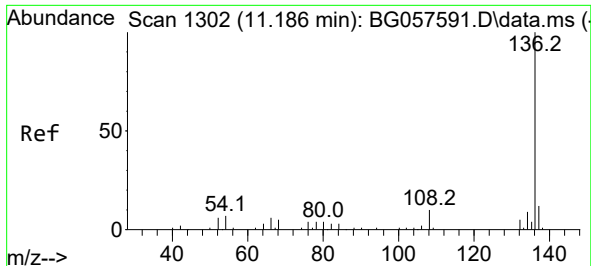
Tgt Ion: 99 Resp: 201369
Ion Ratio Lower Upper
99 100
42 17.9 12.8 19.2
71 40.3 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.791 ng
RT: 9.529 min Scan# 1020
Delta R.T. 0.382 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Tgt Ion: 70 Resp: 16898
Ion Ratio Lower Upper
70 100
42 41.7 41.4 62.0
101 0.0 6.9 10.3#
130 2.0 14.9 22.3#





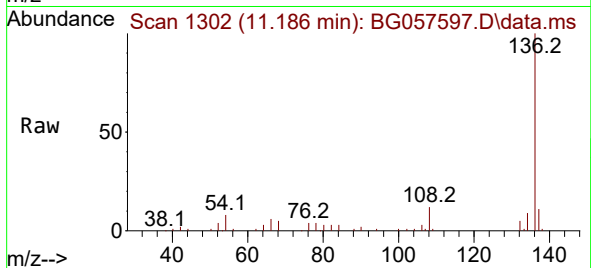
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Instrument :

BNA_G

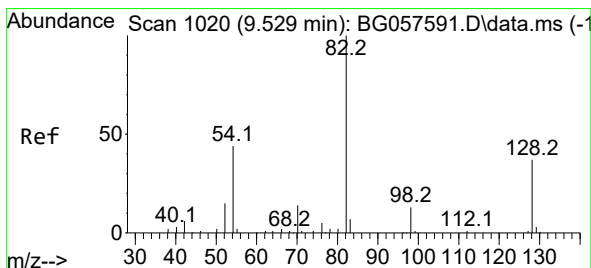
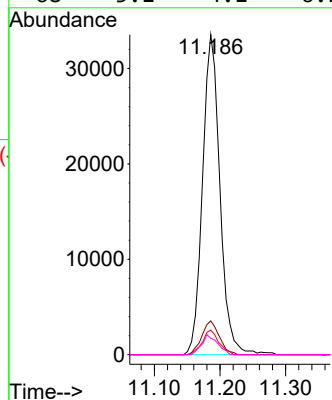
ClientSampleId :

PB153024TB

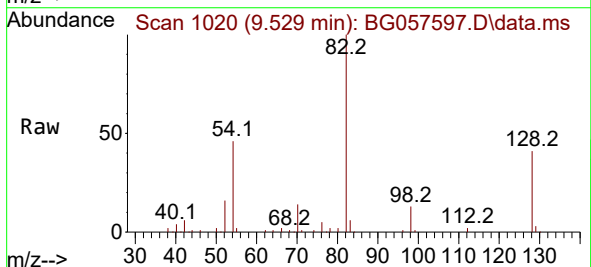


Tgt Ion:136 Resp: 61976

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	7.7	5.8	8.6
68	5.1	4.1	6.1

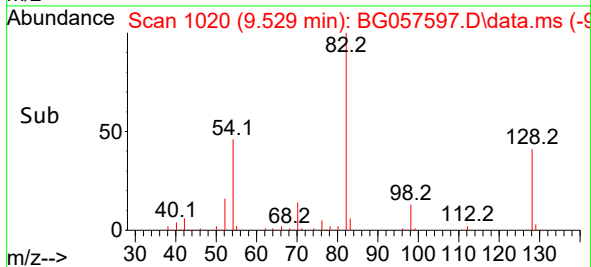
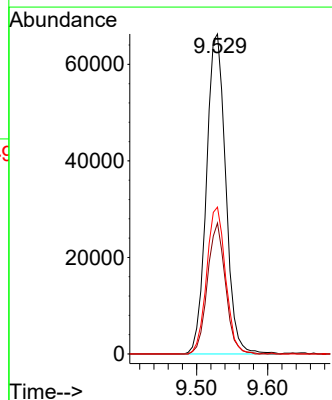


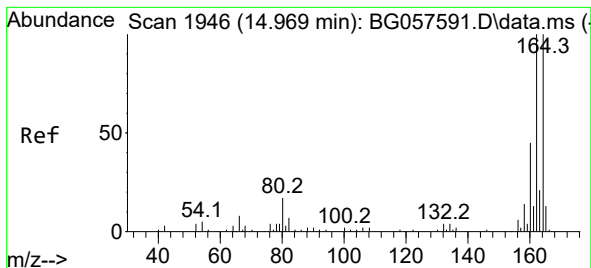
#23
Nitrobenzene-d5
Concen: 94.324 ng
RT: 9.529 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57



Tgt Ion: 82 Resp: 125055

Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.0	45.0
54	45.9	35.2	52.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.963 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BG057597.D

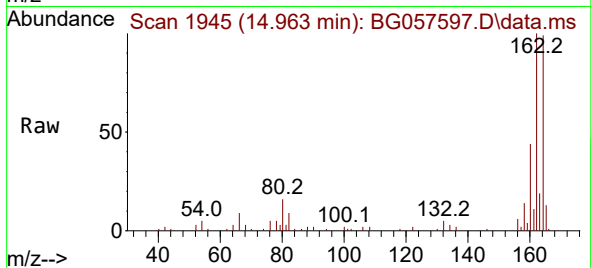
Acq: 26 May 2023 23:57

Instrument :

BNA_G

ClientSampleId :

PB153024TB



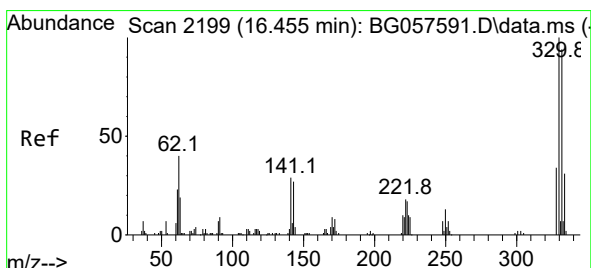
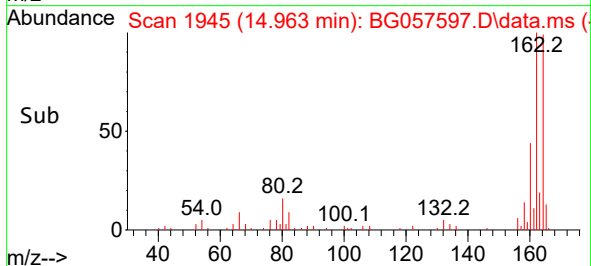
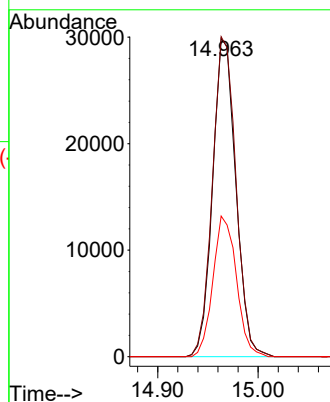
Tgt Ion:164 Resp: 47882

Ion Ratio Lower Upper

164 100

162 100.6 80.1 120.1

160 44.2 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 135.399 ng

RT: 16.449 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BG057597.D

Acq: 26 May 2023 23:57

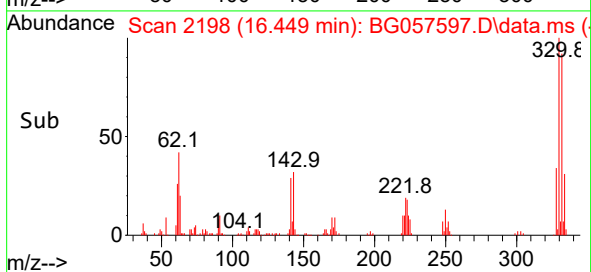
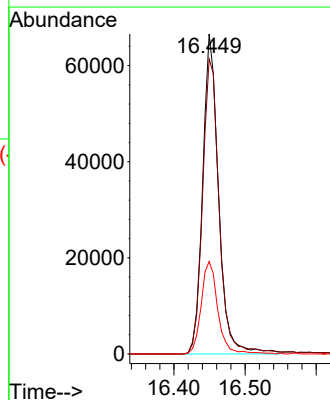
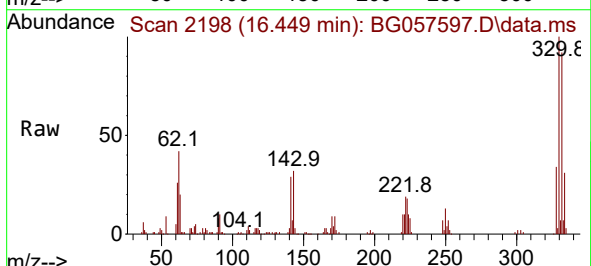
Tgt Ion:330 Resp: 103797

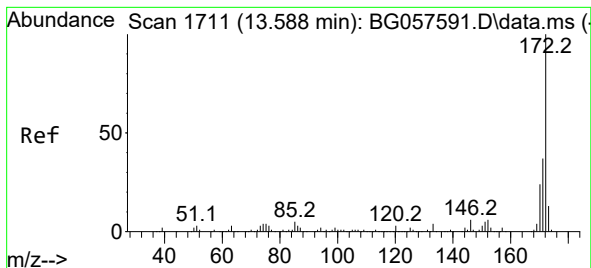
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 30.2 24.6 37.0

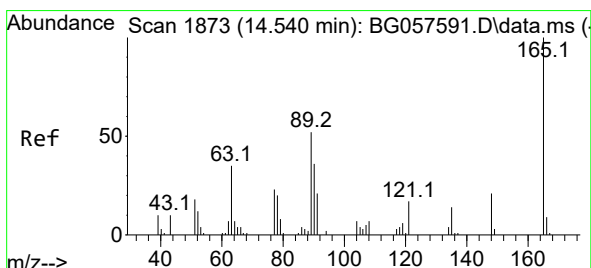
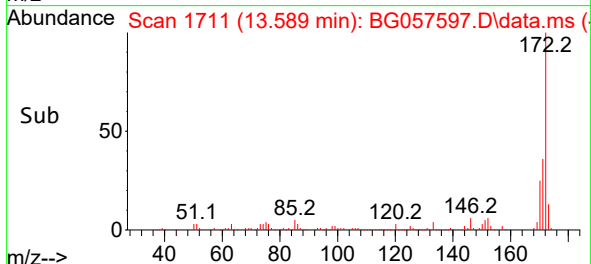
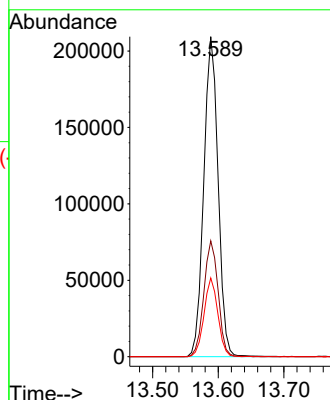
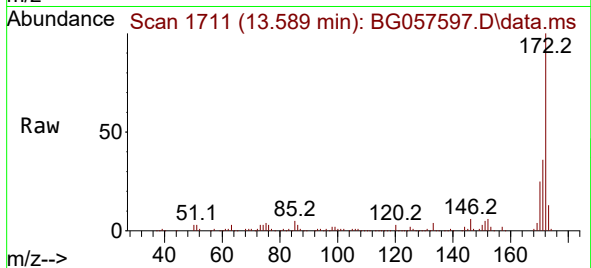




#45
2-Fluorobiphenyl
Concen: 95.536 ng
RT: 13.589 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

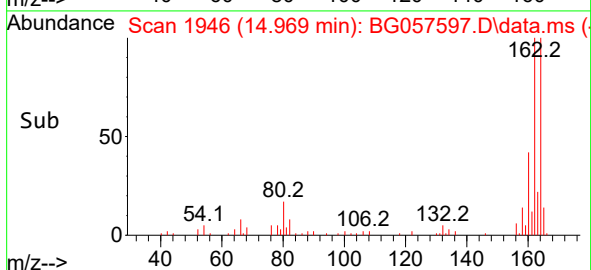
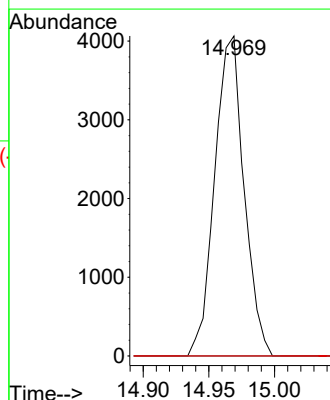
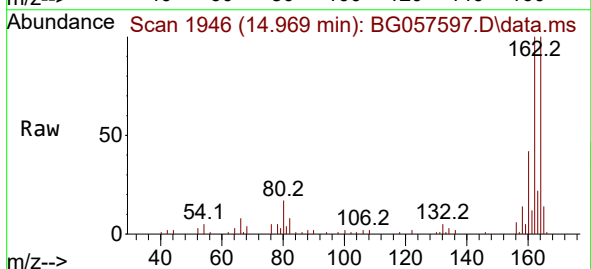
Instrument :
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ClientSampleId :
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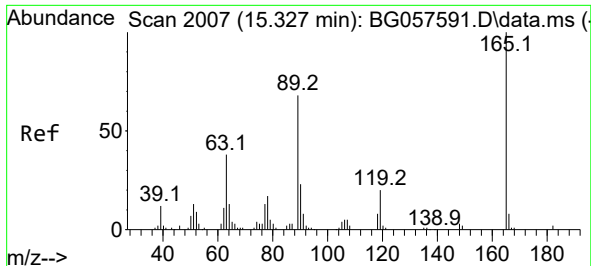
Tgt Ion:172 Resp: 318308
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.6 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.481 ng
RT: 14.969 min Scan# 1946
Delta R.T. 0.429 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Tgt Ion:165 Resp: 6320
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 4.997 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.358 min

Lab File: BG057597.D

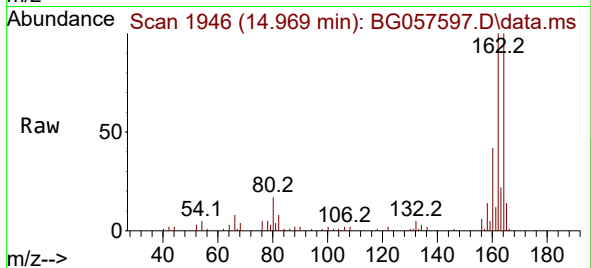
Acq: 26 May 2023 23:57

Instrument :

BNA_G

ClientSampleId :

PB153024TB



Tgt Ion:165 Resp: 6320

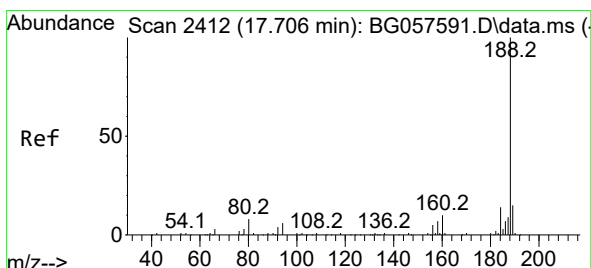
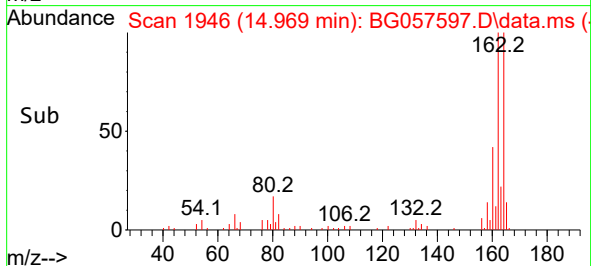
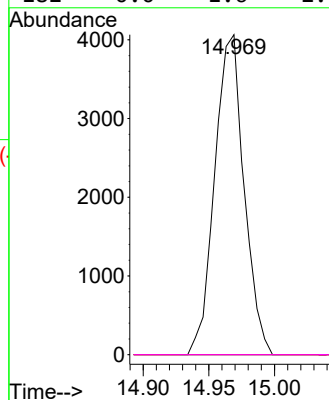
Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

89 0.0 54.2 81.2#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BG057597.D

Acq: 26 May 2023 23:57

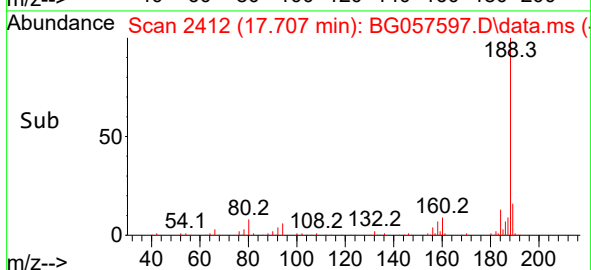
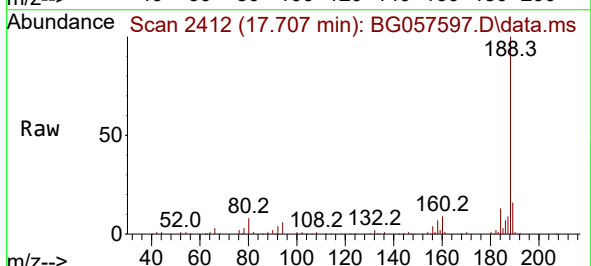
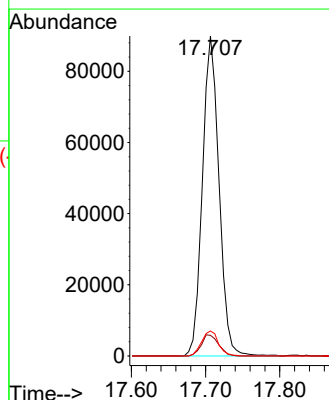
Tgt Ion:188 Resp: 139581

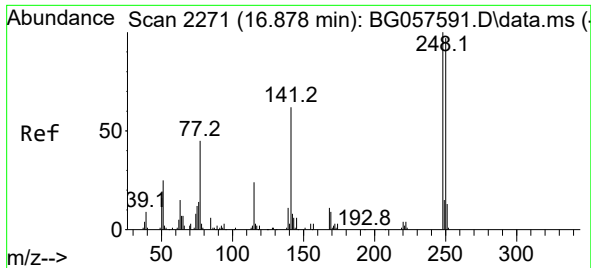
Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

80 7.8 6.7 10.1

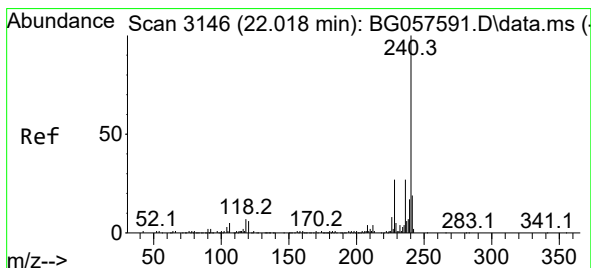
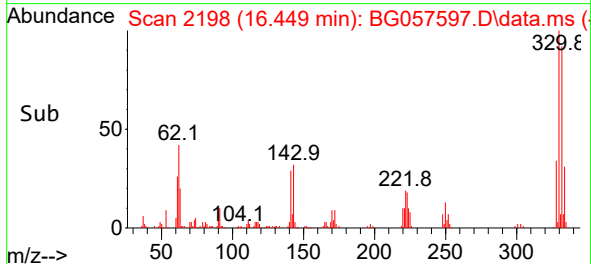
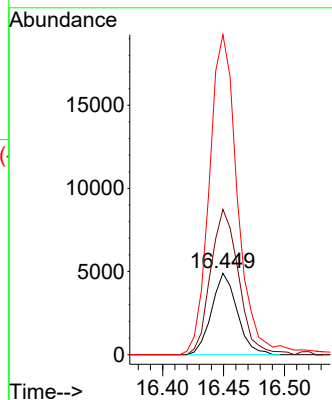
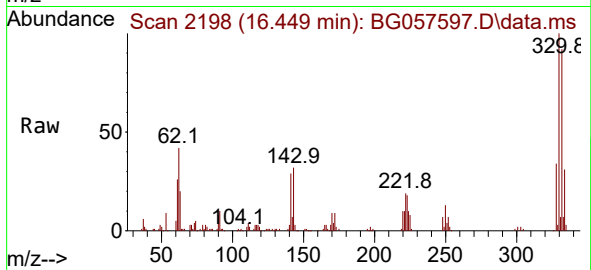




#67
4-Bromophenyl-phenylether
Concen: 4.568 ng
RT: 16.449 min Scan# 2198
Delta R.T. -0.429 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

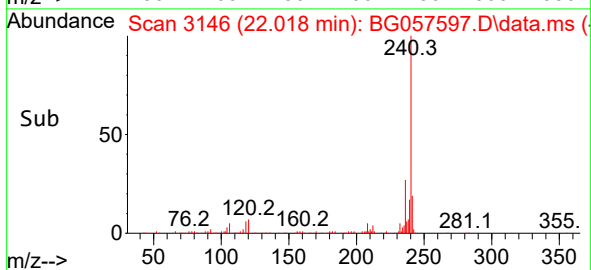
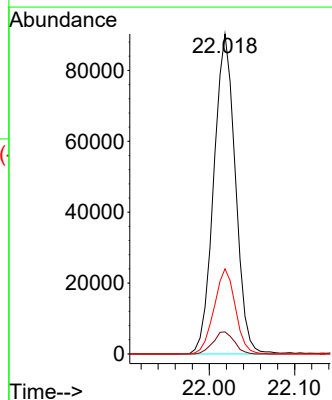
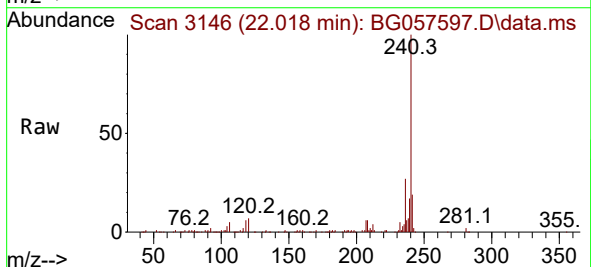
Instrument :
BNA_G
ClientSampleId :
PB153024TB

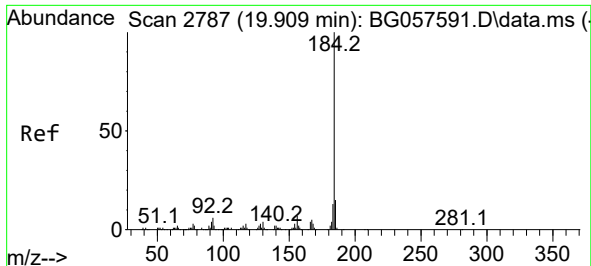
Tgt Ion:248 Resp: 7152
Ion Ratio Lower Upper
248 100
250 178.2 77.4 116.2#
141 392.7 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Tgt Ion:240 Resp: 158169
Ion Ratio Lower Upper
240 100
120 6.9 5.2 7.8
236 26.6 21.4 32.0

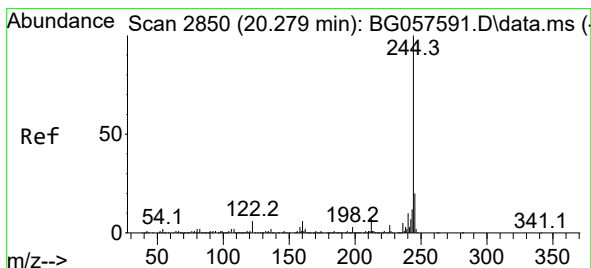
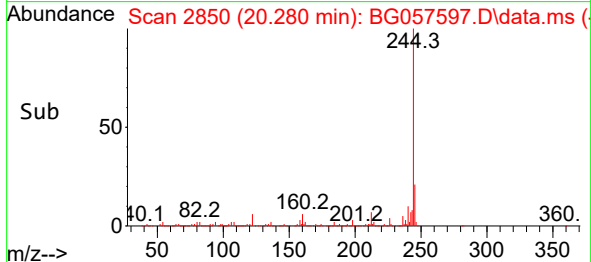
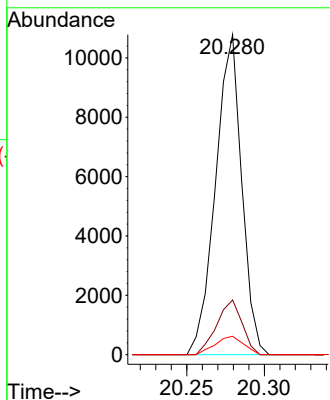
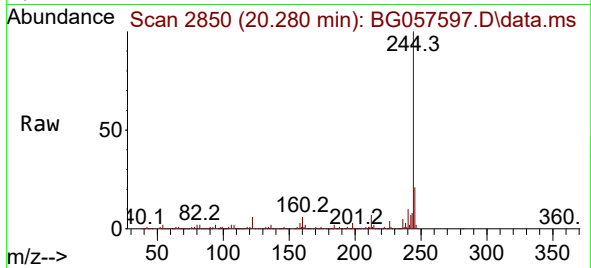




#77
Benzidine
Concen: 2.638 ng
RT: 20.280 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

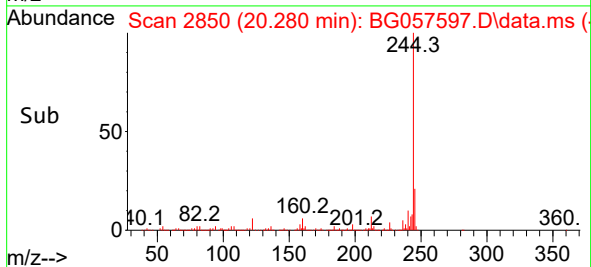
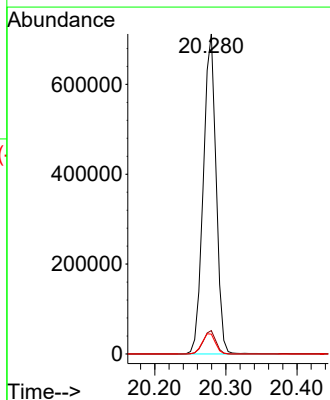
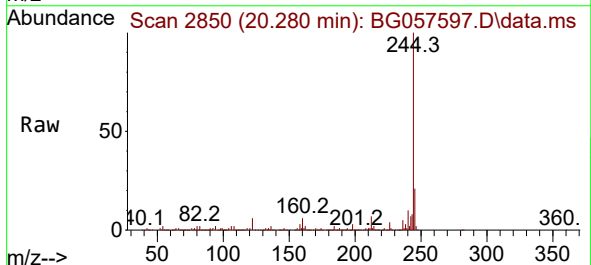
Instrument :
BNA_G
ClientSampleId :
PB153024TB

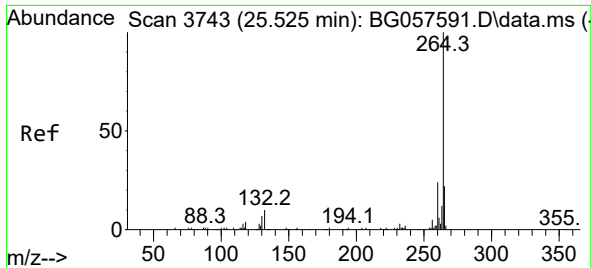
Tgt Ion:184 Resp: 12625
Ion Ratio Lower Upper
184 100
185 17.1 12.0 18.0
183 5.7 10.0 15.0#



#79
Terphenyl-d14
Concen: 97.793 ng
RT: 20.280 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

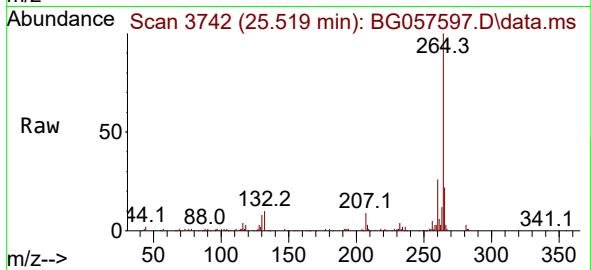
Tgt Ion:244 Resp: 892945
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 6.2 4.8 7.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.519 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Instrument :
BNA_G
ClientSampleId :
PB153024TB



Tgt Ion:264 Resp: 168306
Ion Ratio Lower Upper
264 100
260 25.8 19.1 28.7
265 22.1 17.7 26.5

