

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057599.D
 Acq On : 27 May 2023 1:20
 Operator : CG/JU
 Sample : PB153078BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153078BL

Quant Time: May 27 02:32:12 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)

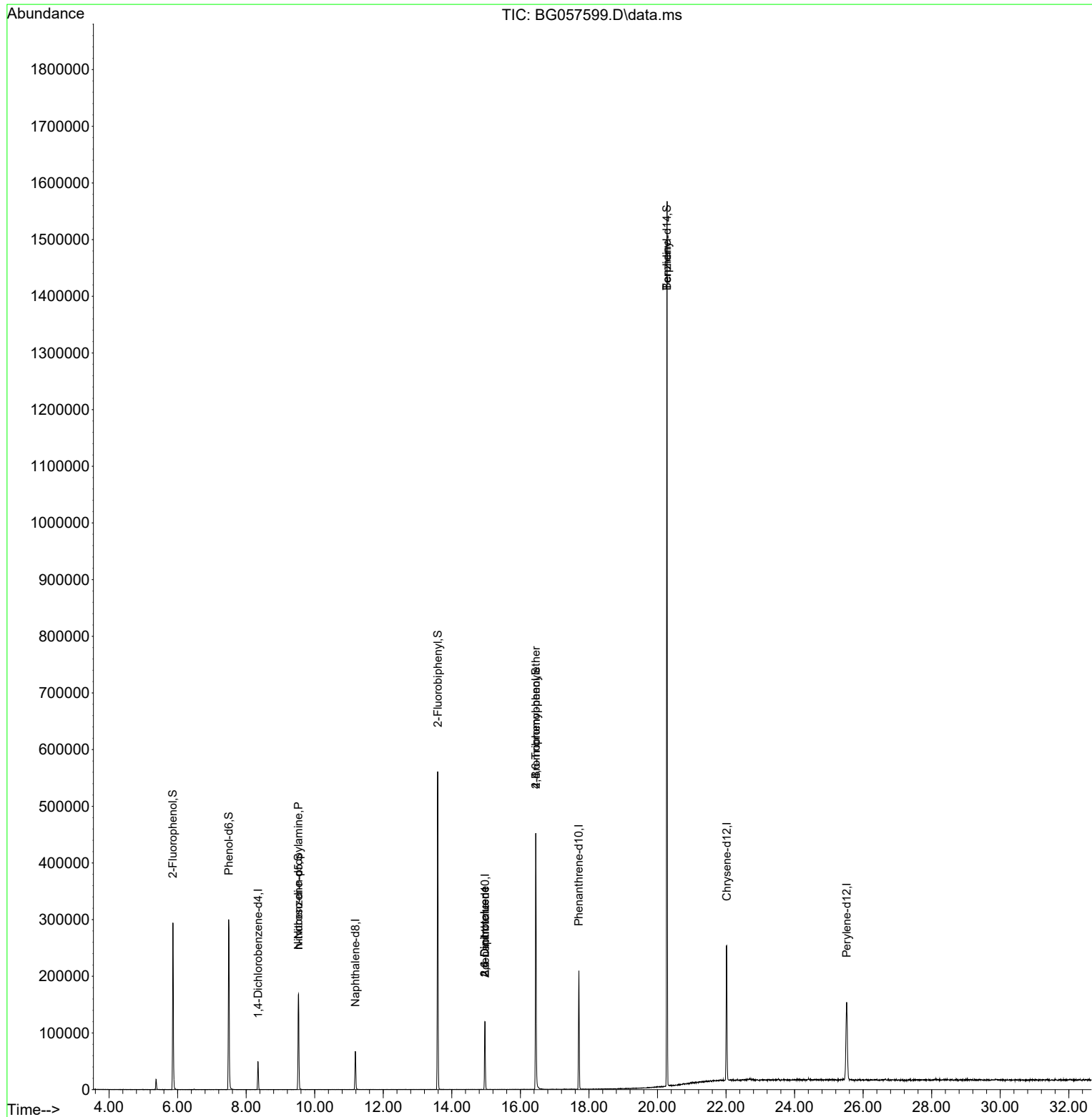
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	14623	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	61127	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	47586	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	139796	20.000	ng	0.00
76) Chrysene-d12	22.018	240	158110	20.000	ng	0.00
86) Perylene-d12	25.519	264	167316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	133860	159.034	ng	0.00
7) Phenol-d6	7.491	99	192826	146.384	ng	0.00
23) Nitrobenzene-d5	9.529	82	117110	89.558	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	100889	132.424	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	302760	91.435	ng	0.00
79) Terphenyl-d14	20.279	244	843632	92.427	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.529	70	15730	17.188	ng	# 79
51) 2,6-Dinitrotoluene	14.963	165	6004	7.151	ng	# 27
57) 2,4-Dinitrotoluene	14.963	165	6004	4.776	ng	# 25
67) 4-Bromophenyl-phenylether	16.449	248	7161	4.567	ng	# 1
77) Benzidine	20.279	184	11832	2.473	ng	# 95

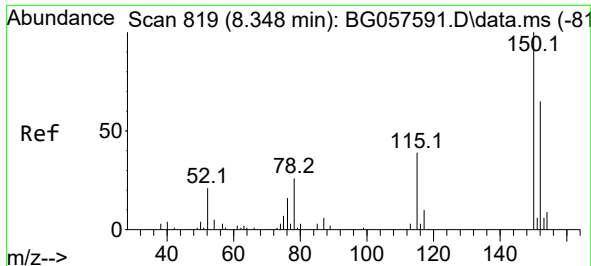
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
Data File : BG057599.D
Acq On : 27 May 2023 1:20
Operator : CG/JU
Sample : PB153078BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB153078BL

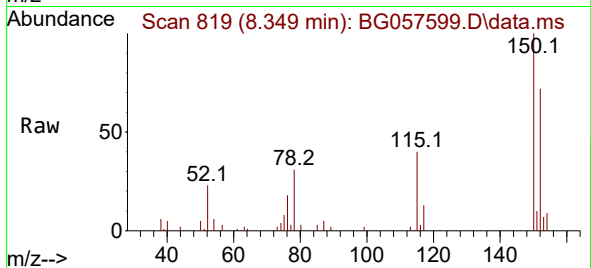
Quant Time: May 27 02:32:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 23:44:40 2023
Response via : Initial Calibration



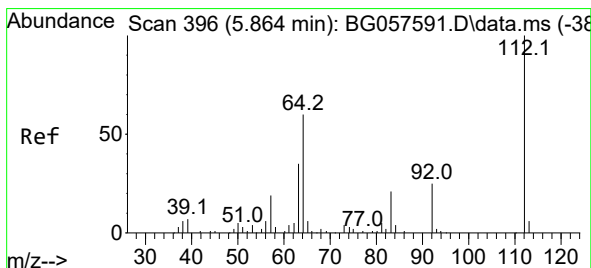
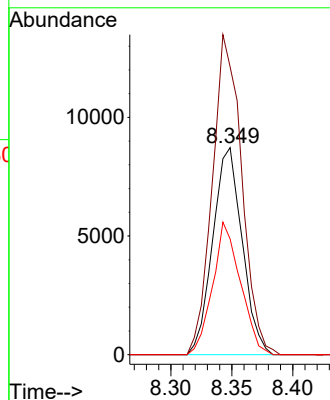
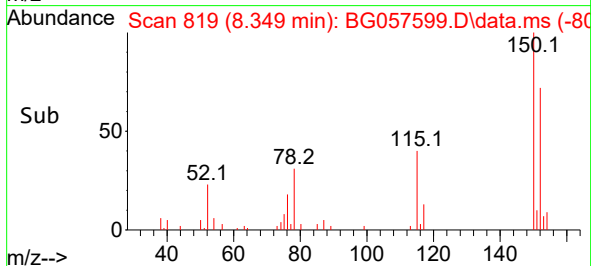


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 819
Delta R.T. 0.001 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

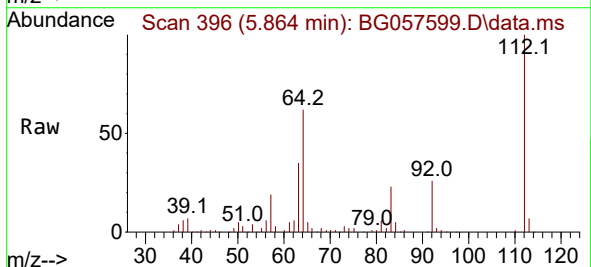
Instrument :
BNA_G
ClientSampleId :
PB153078BL



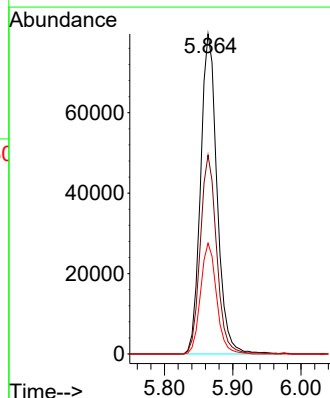
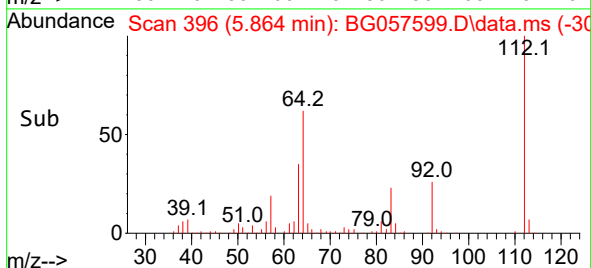
Tgt Ion:152 Resp: 14623
Ion Ratio Lower Upper
152 100
150 139.0 123.0 184.4
115 55.9 47.4 71.2

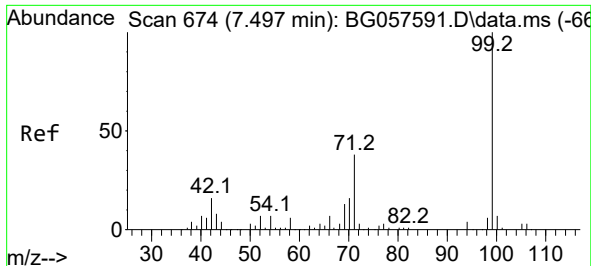


#5
2-Fluorophenol
Concen: 159.034 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20



Tgt Ion:112 Resp: 133860
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.6
63 34.6 27.8 41.8

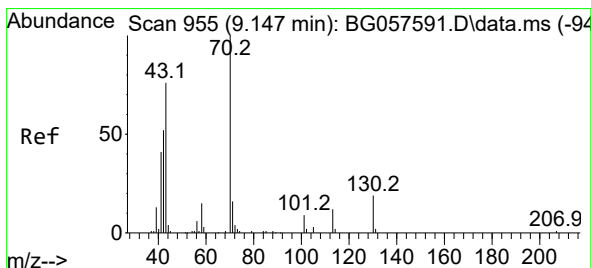
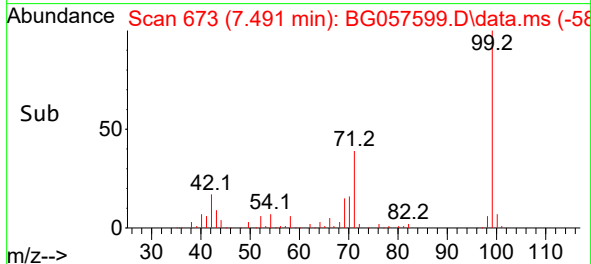
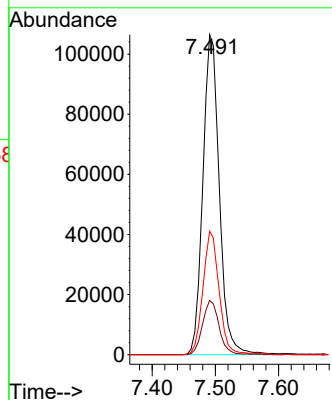
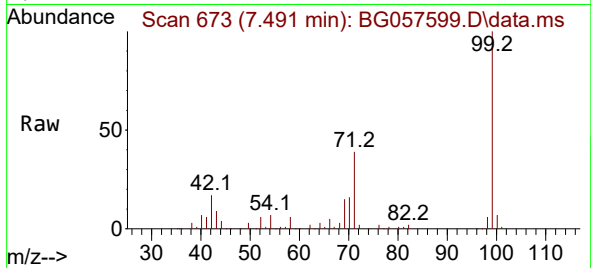




#7
Phenol-d6
Concen: 146.384 ng
RT: 7.491 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

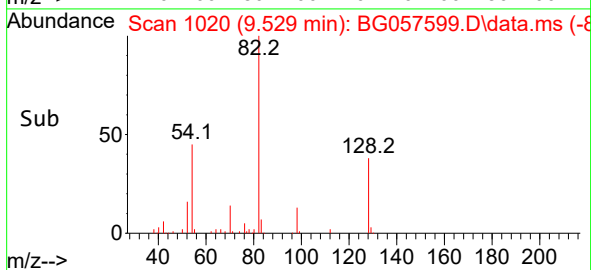
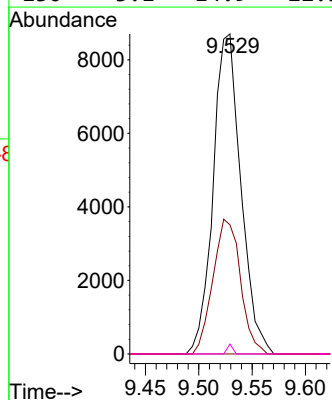
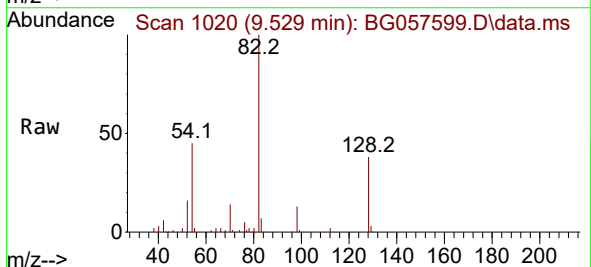
Instrument :
BNA_G
ClientSampleId :
PB153078BL

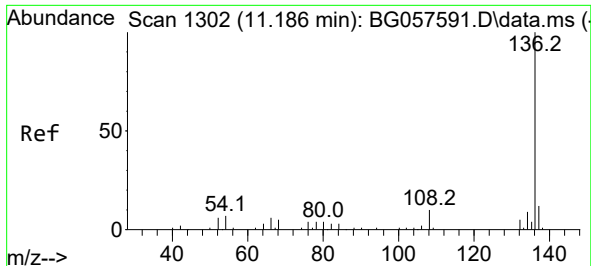
Tgt Ion: 99 Resp: 192826
Ion Ratio Lower Upper
99 100
42 16.9 12.8 19.2
71 38.6 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.188 ng
RT: 9.529 min Scan# 1020
Delta R.T. 0.382 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

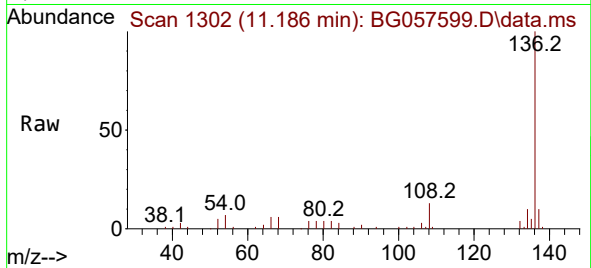
Tgt Ion: 70 Resp: 15730
Ion Ratio Lower Upper
70 100
42 40.4 41.4 62.0#
101 0.0 6.9 10.3#
130 3.1 14.9 22.3#



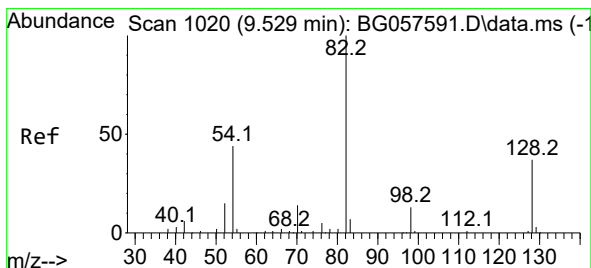
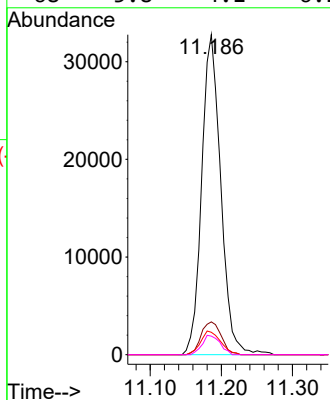
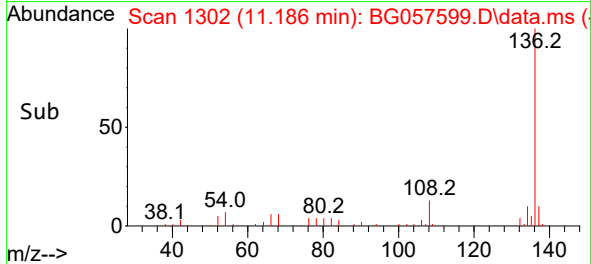


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

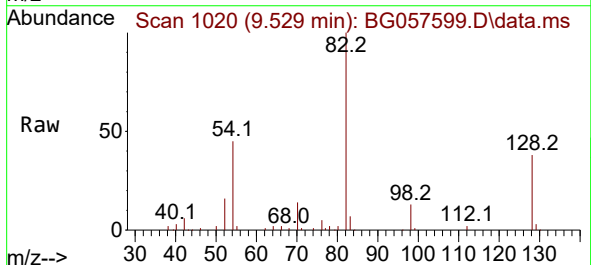
Instrument :
BNA_G
ClientSampleId :
PB153078BL



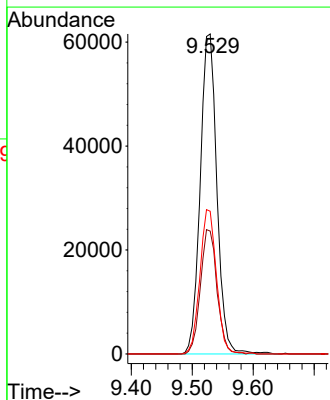
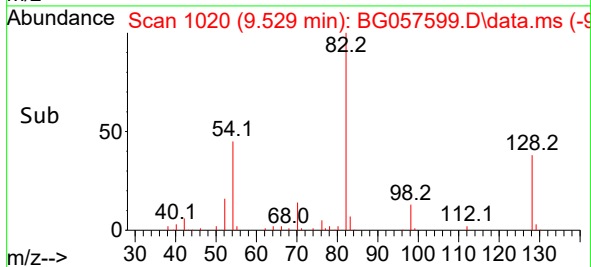
Tgt Ion:	136	Resp:	61127
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.8	14.8
54	7.0	5.8	8.6
68	5.8	4.1	6.1

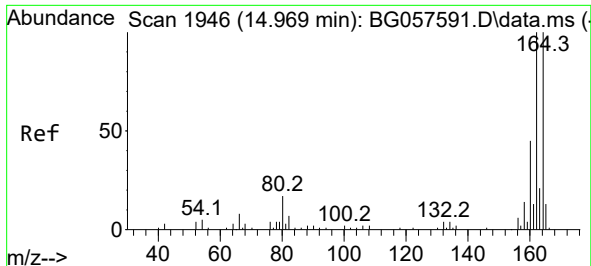


#23
Nitrobenzene-d5
Concen: 89.558 ng
RT: 9.529 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20



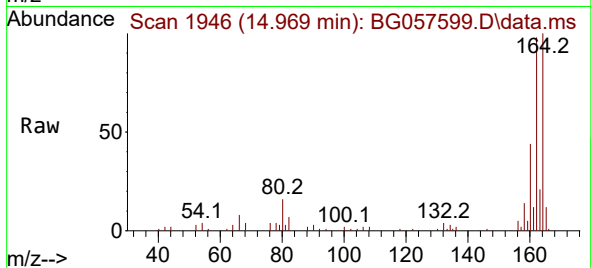
Tgt Ion:	82	Resp:	117110
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.0	45.0
54	44.6	35.2	52.8



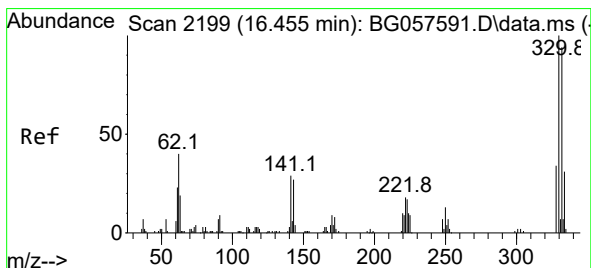
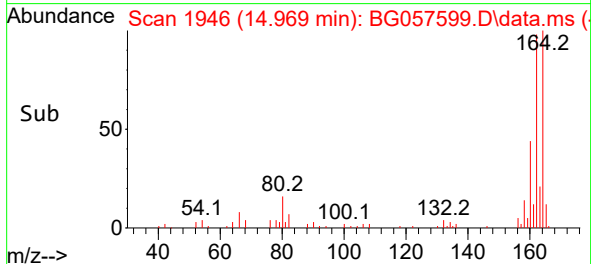
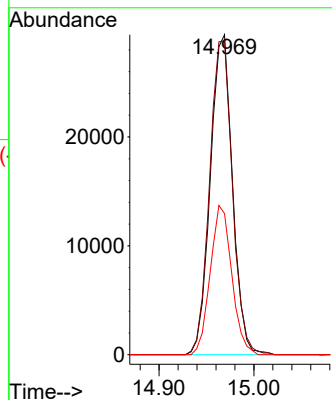


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Instrument :
BNA_G
ClientSampleId :
PB153078BL

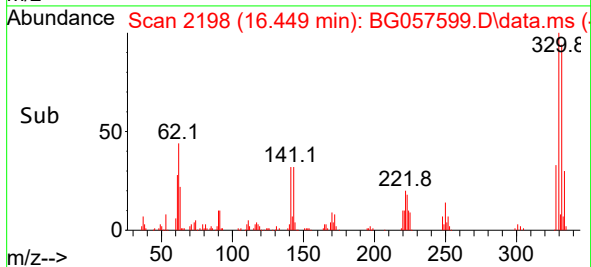
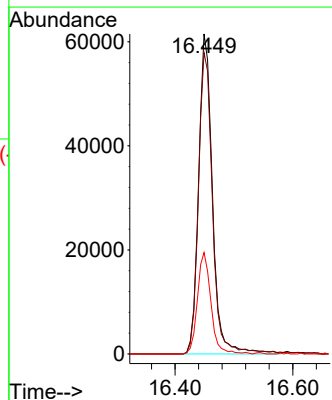
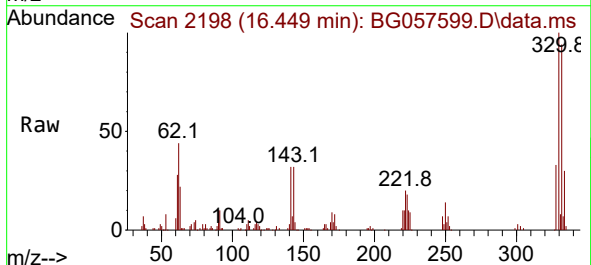


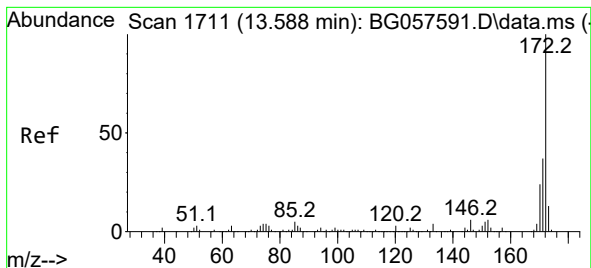
Tgt Ion:164 Resp: 47586
Ion Ratio Lower Upper
164 100
162 98.1 80.1 120.1
160 44.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 132.424 ng
RT: 16.449 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Tgt Ion:330 Resp: 100889
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 30.7 24.6 37.0

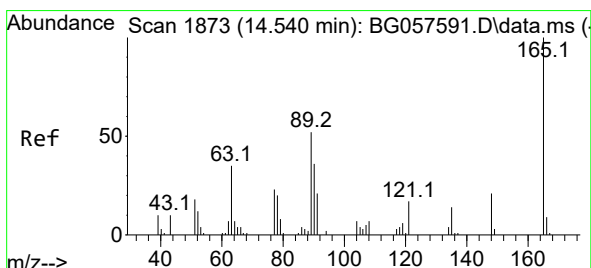
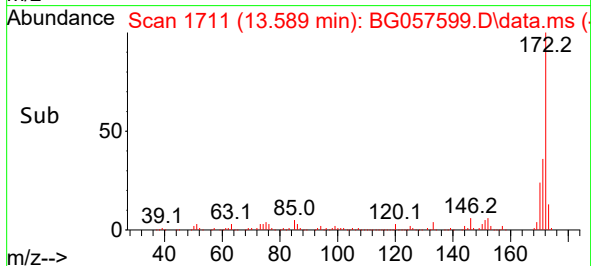
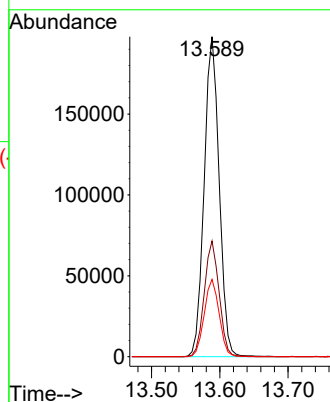
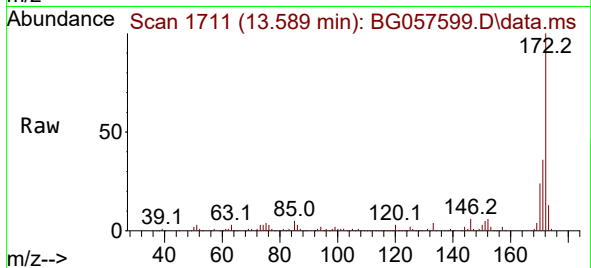




#45
2-Fluorobiphenyl
Concen: 91.435 ng
RT: 13.589 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

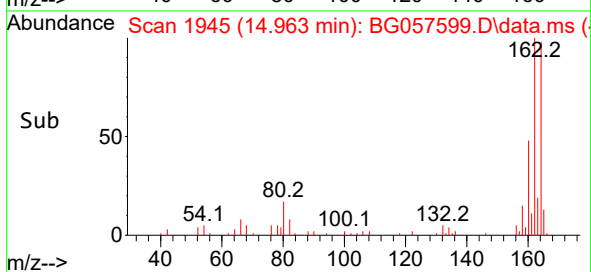
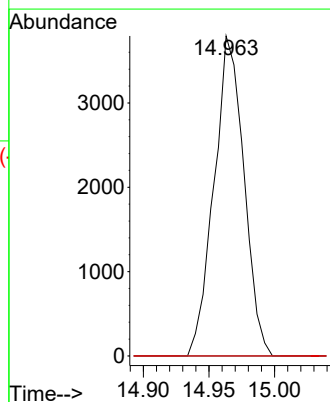
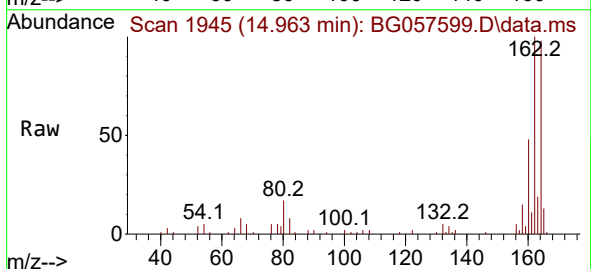
Instrument :
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ClientSampleId :
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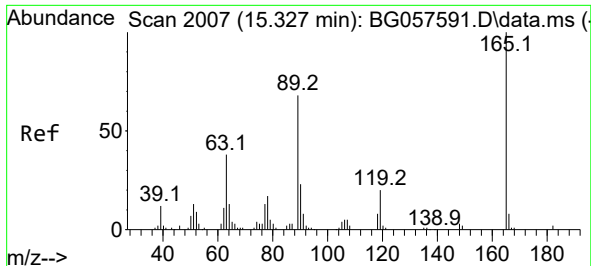
Tgt Ion:172 Resp: 302760
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.151 ng
RT: 14.963 min Scan# 1945
Delta R.T. 0.423 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Tgt Ion:165 Resp: 6004
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: 4.776 ng

RT: 14.963 min Scan# 1945

Delta R.T. -0.364 min

Lab File: BG057599.D

Acq: 27 May 2023 1:20

Instrument :

BNA_G

ClientSampleId :

PB153078BL

Tgt Ion:165 Resp: 6004

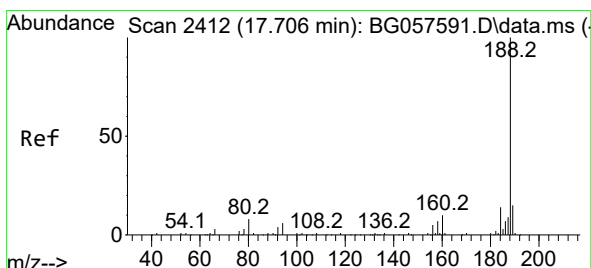
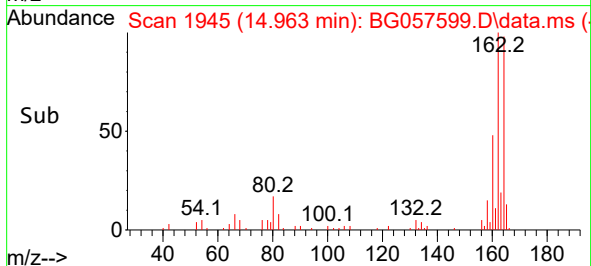
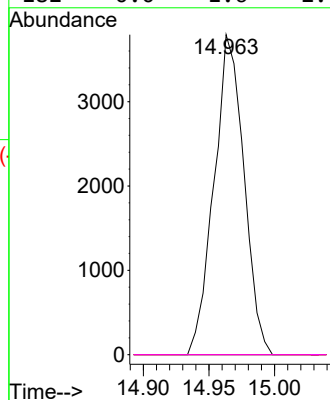
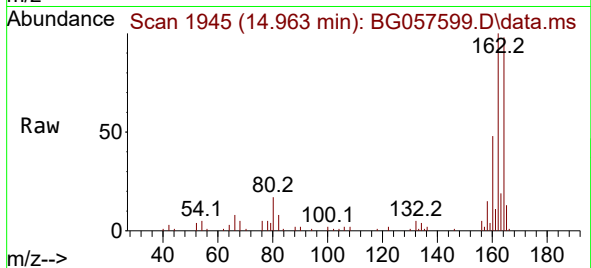
Ion Ratio Lower Upper

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: 17.706 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BG057599.D

Acq: 27 May 2023 1:20

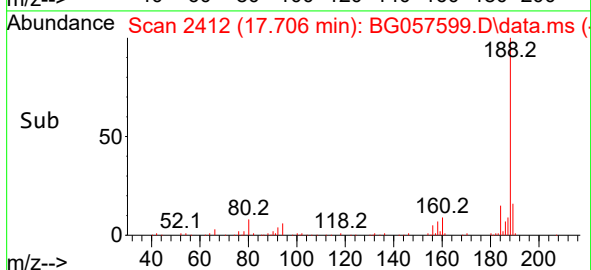
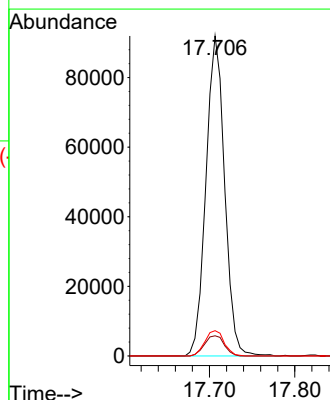
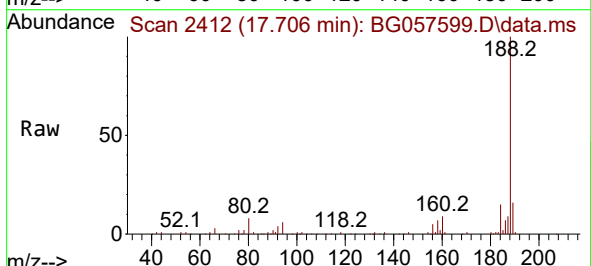
Tgt Ion:188 Resp: 139796

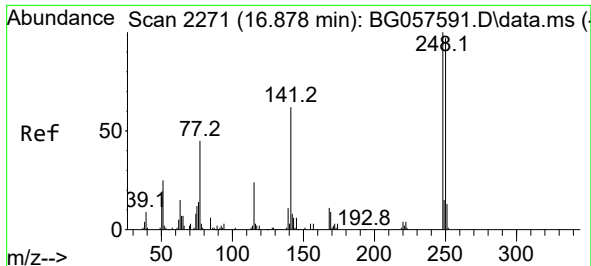
Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

80 7.9 6.7 10.1

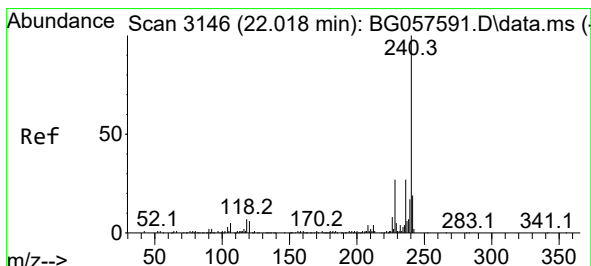
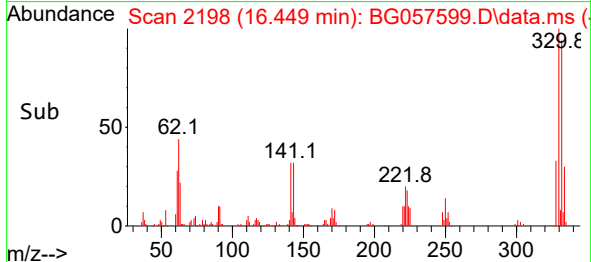
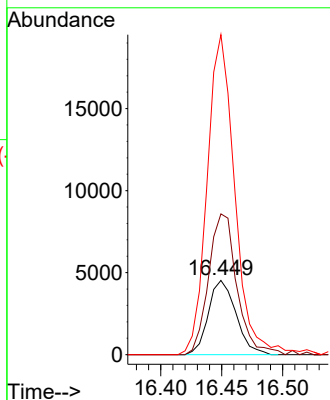
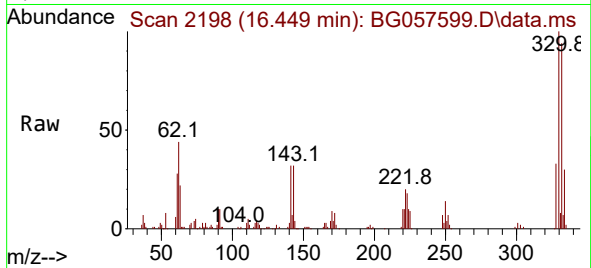




#67
4-Bromophenyl-phenylether
Concen: 4.567 ng
RT: 16.449 min Scan# 2198
Delta R.T. -0.429 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

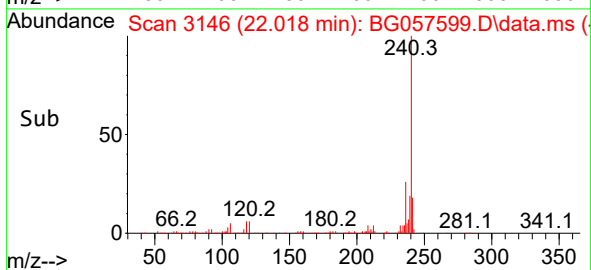
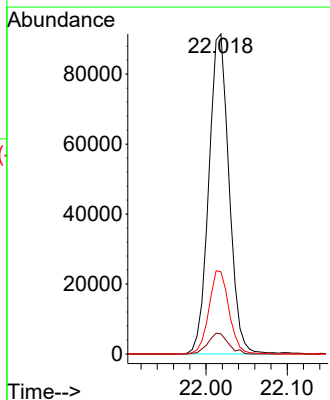
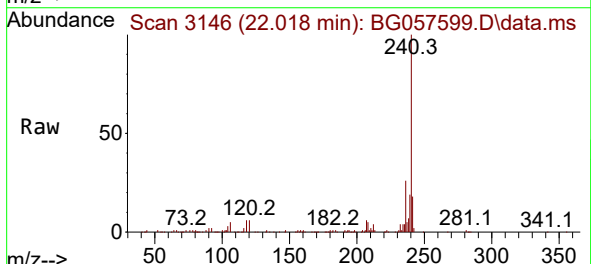
Instrument :
BNA_G
ClientSampleId :
PB153078BL

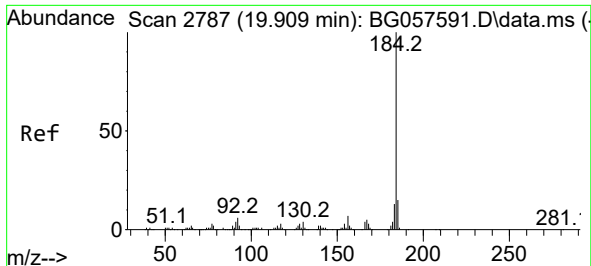
Tgt Ion:248 Resp: 7161
Ion Ratio Lower Upper
248 100
250 189.5 77.4 116.2#
141 430.9 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Tgt Ion:240 Resp: 158110
Ion Ratio Lower Upper
240 100
120 6.3 5.2 7.8
236 25.7 21.4 32.0

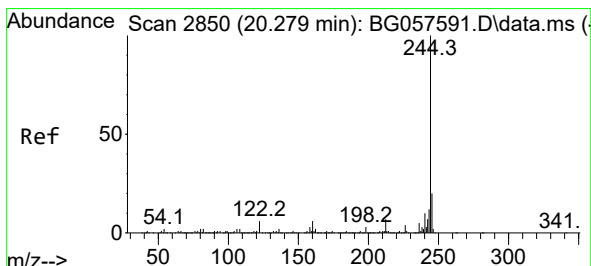
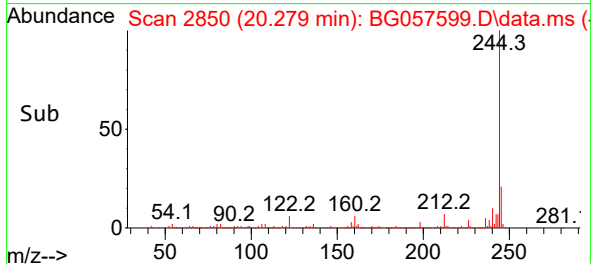
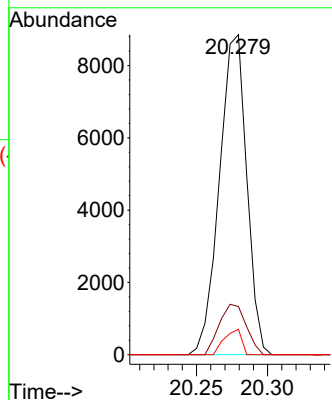
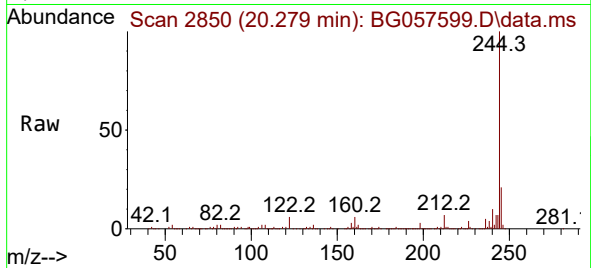




#77
Benzidine
Concen: 2.473 ng
RT: 20.279 min Scan# 2850
Delta R.T. 0.370 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

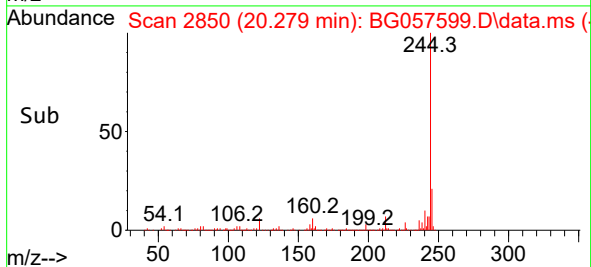
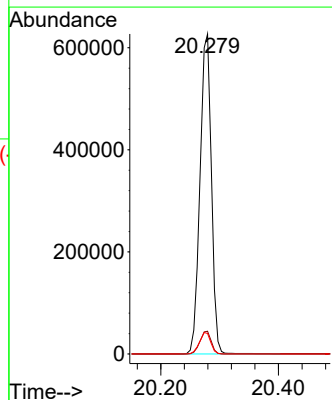
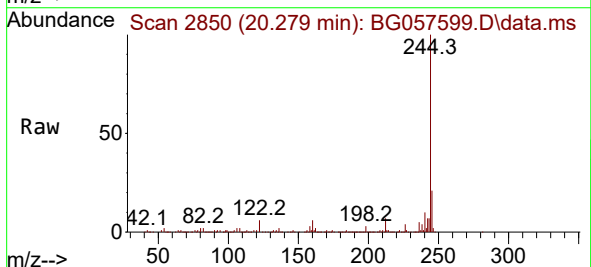
Instrument :
BNA_G
ClientSampleId :
PB153078BL

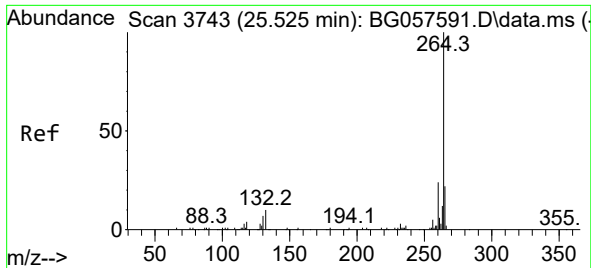
Tgt Ion:184 Resp: 11832
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 8.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 92.427 ng
RT: 20.279 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

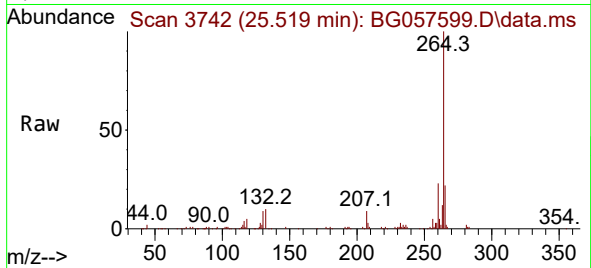
Tgt Ion:244 Resp: 843632
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.4 4.8 7.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.519 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057599.D
Acq: 27 May 2023 1:20

Instrument :
BNA_G
ClientSampleId :
PB153078BL



Tgt Ion:264 Resp: 167316

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.6	17.7	26.5

