

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057657.D
 Acq On : 7 Jun 2023 5:16
 Operator : CG/JU
 Sample : PB153132BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153132BL

Quant Time: Jun 07 05:53:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

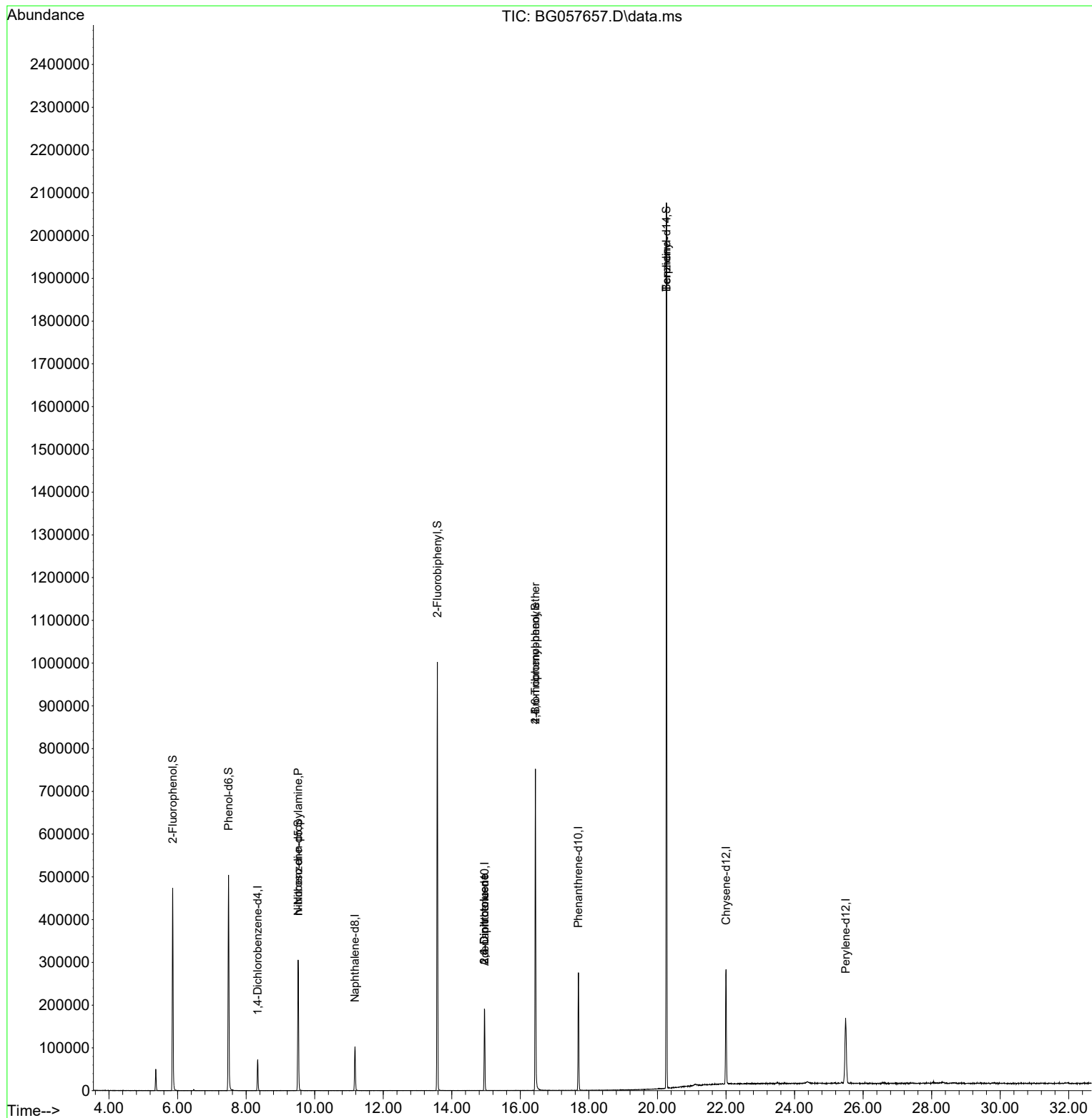
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	21204	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	94296	20.000	ng	# 0.00
39) Acenaphthene-d10	14.958	164	74059	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	187371	20.000	ng	0.00
76) Chrysene-d12	22.002	240	173630	20.000	ng	0.00
86) Perylene-d12	25.491	264	180957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	227032	186.014	ng	0.00
7) Phenol-d6	7.486	99	331754	173.686	ng	0.00
23) Nitrobenzene-d5	9.518	82	206663	102.451	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	160039	134.974	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	537923	104.384	ng	0.00
79) Terphenyl-d14	20.263	244	1066259	106.375	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.518	70	27283	20.560	ng	# 77
51) 2,6-Dinitrotoluene	14.952	165	9526	7.291	ng	# 27
57) 2,4-Dinitrotoluene	14.952	165	9526	4.869	ng	# 25
67) 4-Bromophenyl-phenylether	16.438	248	10759	5.119	ng	# 1
77) Benzidine	20.263	184	15447	2.940	ng	# 93

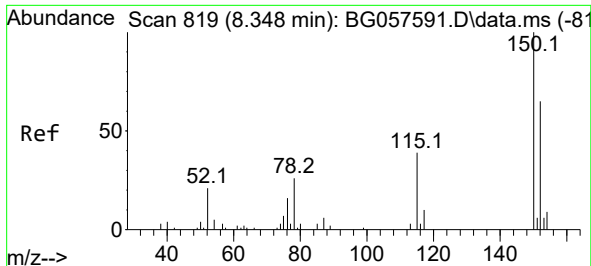
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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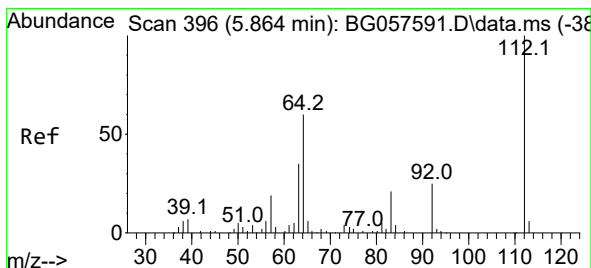
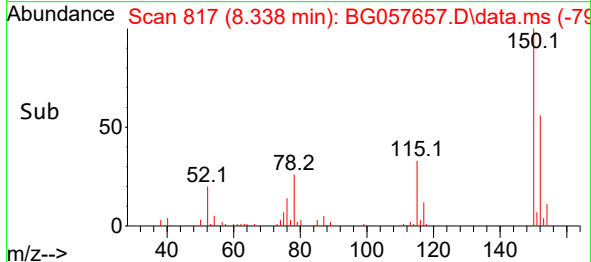
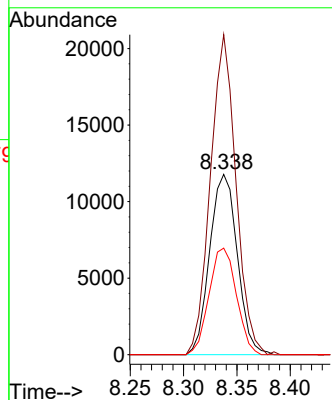
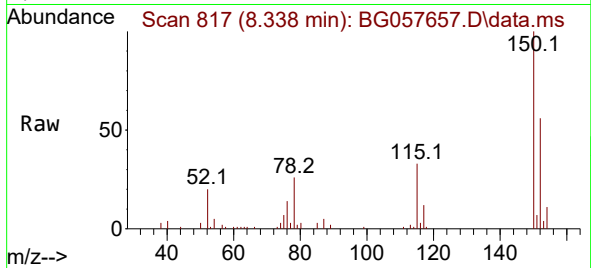




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 819
Delta R.T. 0.004 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

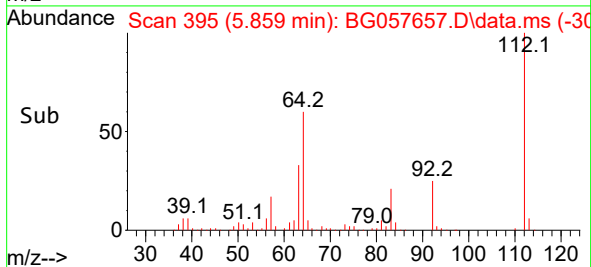
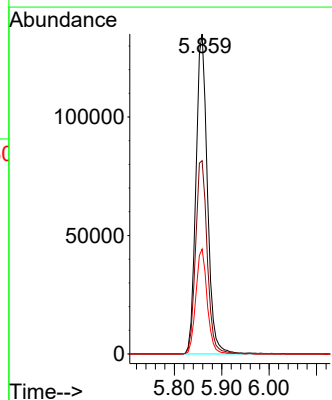
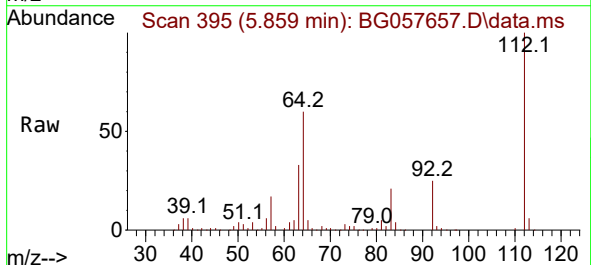
Instrument :
BNA_G
ClientSampleId :
PB153132BL

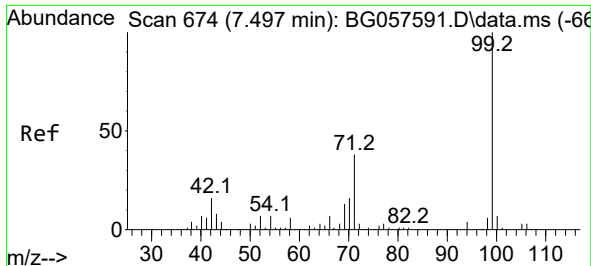
Tgt Ion:152 Resp: 21204
Ion Ratio Lower Upper
152 100
150 177.4 123.0 184.4
115 59.0 47.4 71.2



#5
2-Fluorophenol
Concen: 186.014 ng
RT: 5.859 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion:112 Resp: 227032
Ion Ratio Lower Upper
112 100
64 60.4 47.8 71.6
63 32.8 27.8 41.8

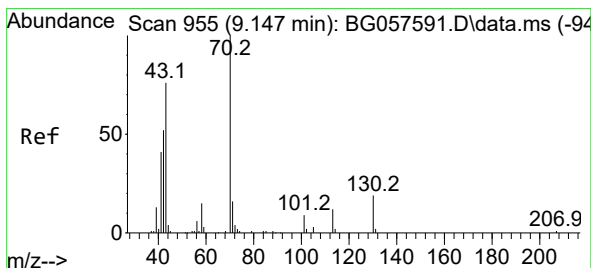
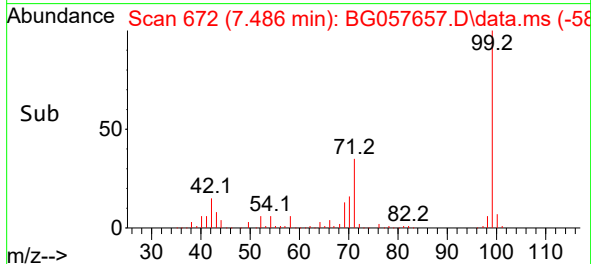
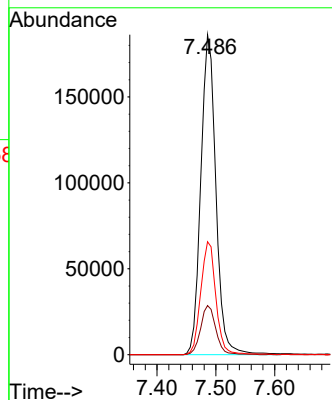
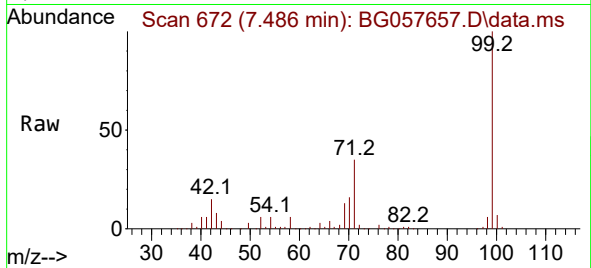




#7
Phenol-d6
Concen: 173.686 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

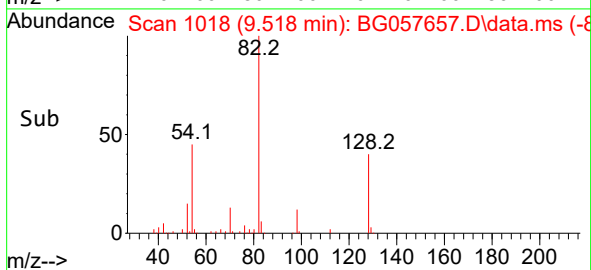
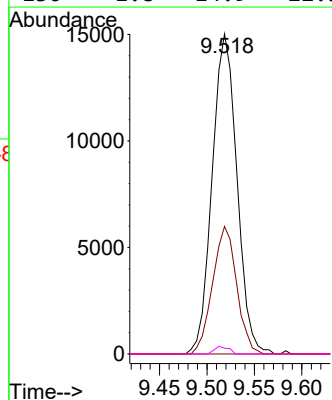
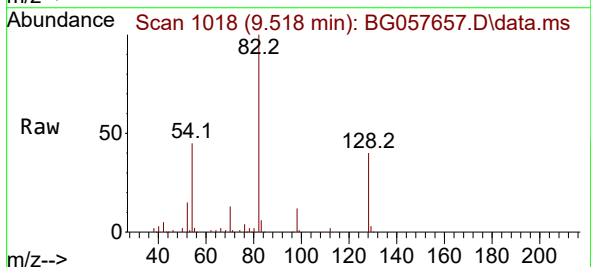
Instrument :
BNA_G
ClientSampleId :
PB153132BL

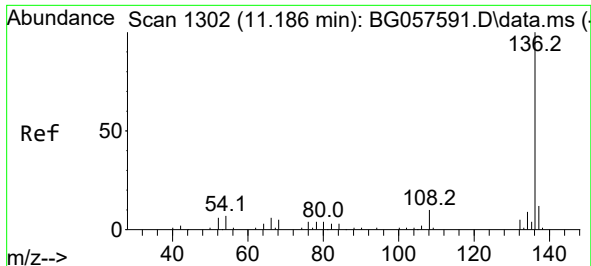
Tgt Ion: 99 Resp: 331754
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 35.3 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.560 ng
RT: 9.518 min Scan# 1018
Delta R.T. 0.380 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion: 70 Resp: 27283
Ion Ratio Lower Upper
70 100
42 39.8 41.4 62.0#
101 0.0 6.9 10.3#
130 1.8 14.9 22.3#

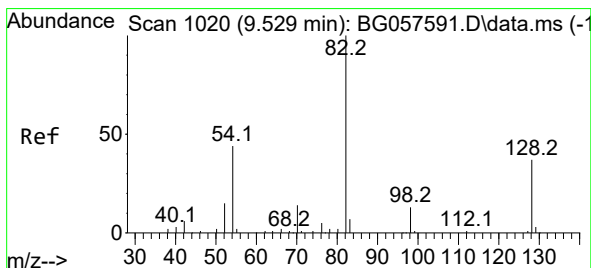
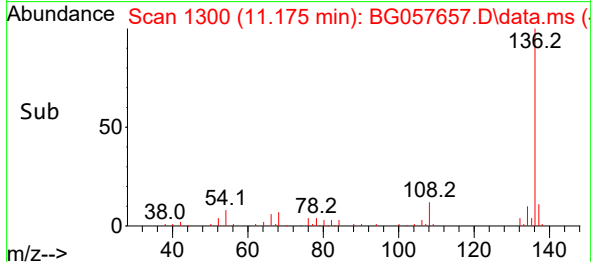
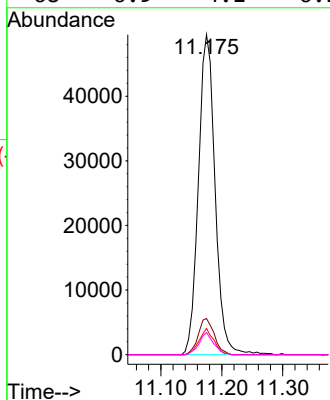
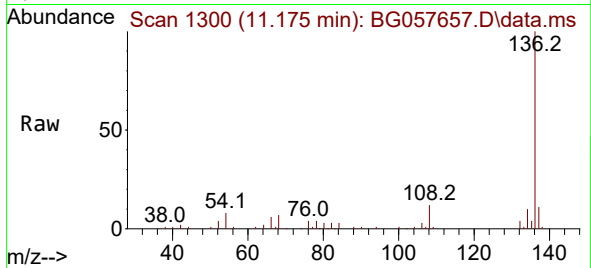




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

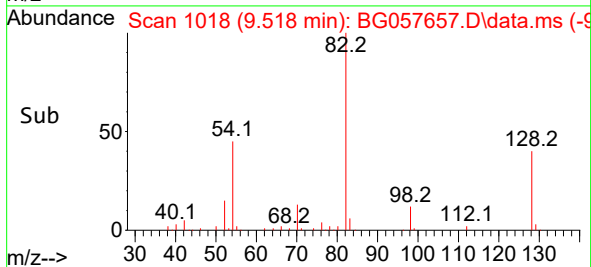
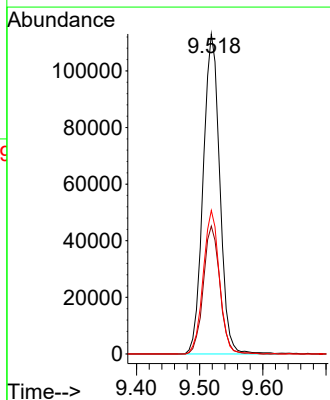
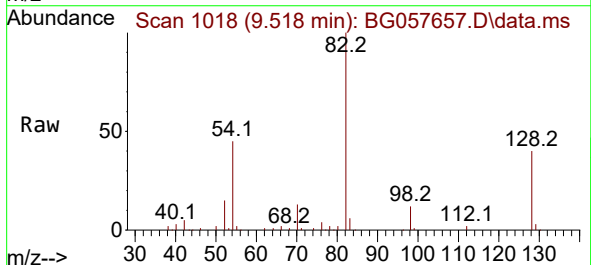
Instrument :
BNA_G
ClientSampleId :
PB153132BL

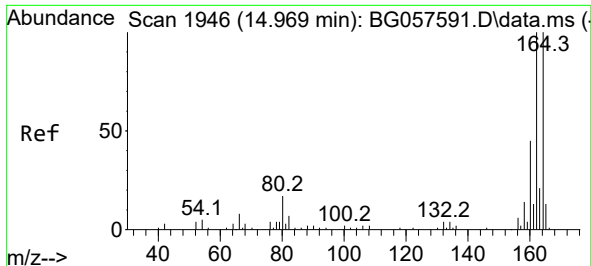
Tgt Ion:	136	Resp:	94296
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.8
54	8.2	5.8	8.6
68	6.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 102.451 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

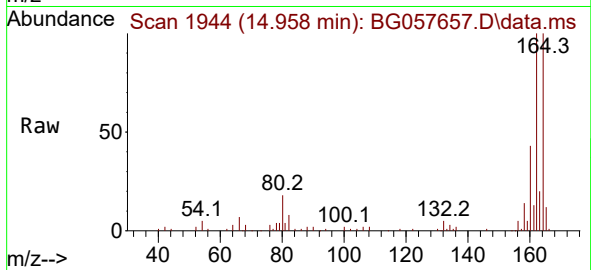
Tgt Ion:	82	Resp:	206663
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.0	45.0
54	44.8	35.2	52.8



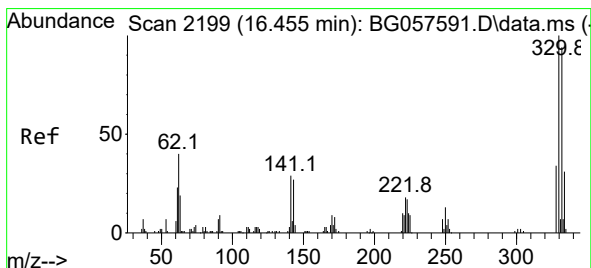
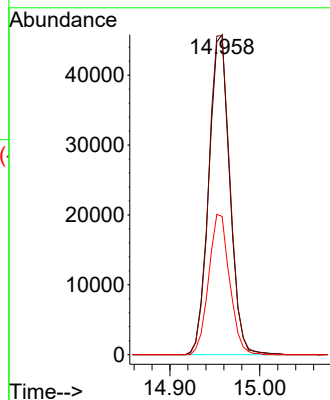
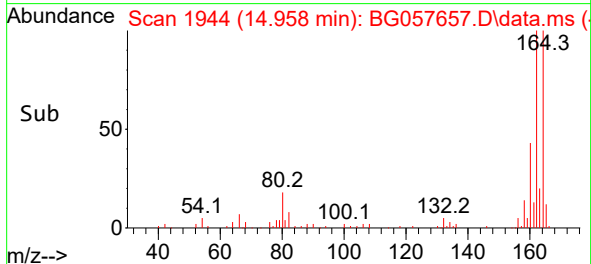


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1944
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

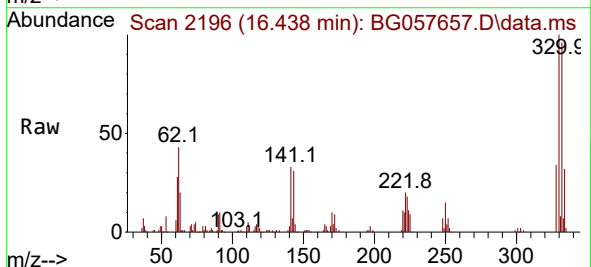
Instrument :
BNA_G
ClientSampleId :
PB153132BL



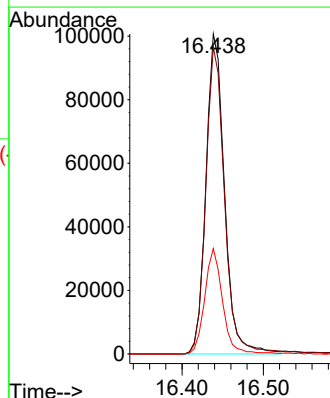
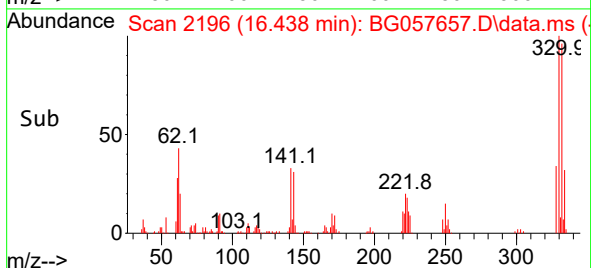
Tgt Ion:164 Resp: 74059
Ion Ratio Lower Upper
164 100
162 99.8 80.1 120.1
160 43.2 35.9 53.9

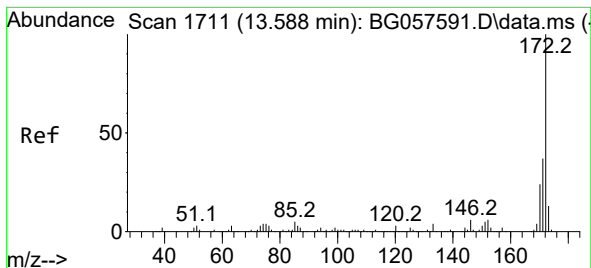


#42
2,4,6-Tribromophenol
Concen: 134.974 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16



Tgt Ion:330 Resp: 160039
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.6 24.6 37.0

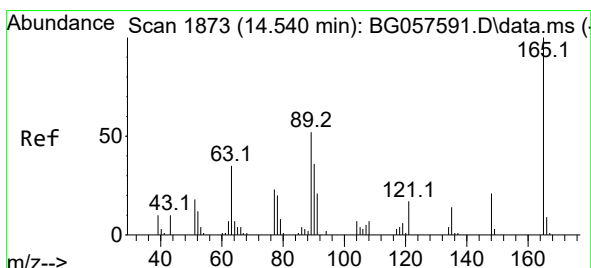
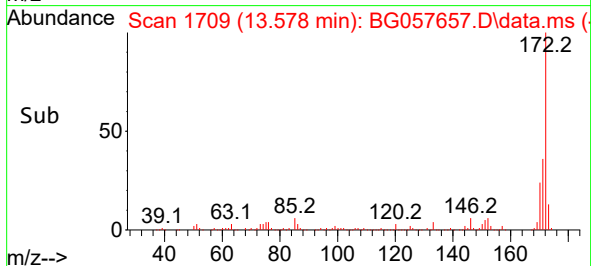
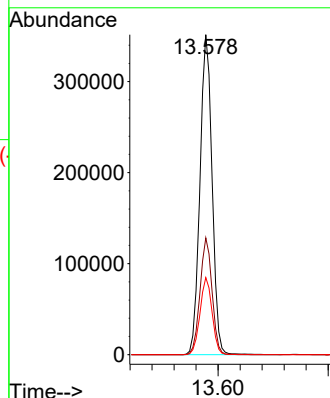
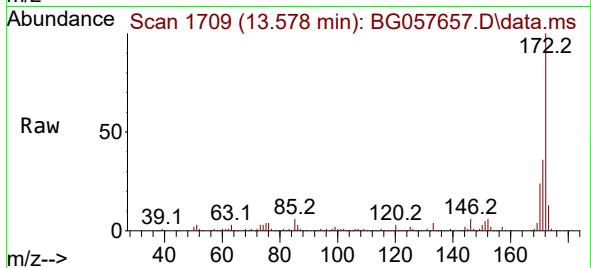




#45
2-Fluorobiphenyl
Concen: 104.384 ng
RT: 13.578 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

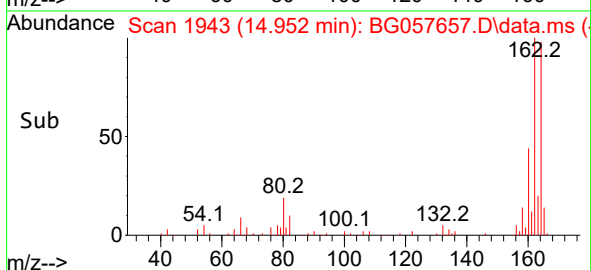
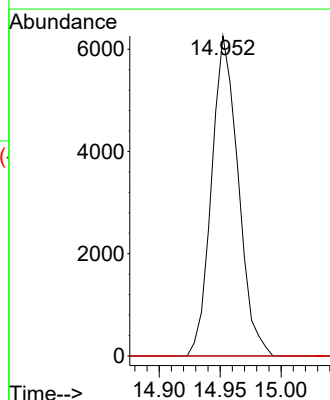
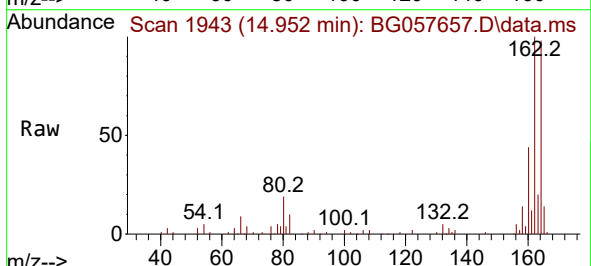
Instrument :
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ClientSampleId :
PB153132BL

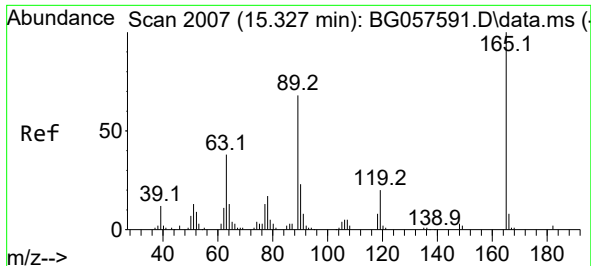
Tgt Ion:172 Resp: 537923
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.1 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.291 ng
RT: 14.952 min Scan# 1943
Delta R.T. 0.421 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion:165 Resp: 9526
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: 4.869 ng

RT: 14.952 min Scan# 14

Delta R.T. -0.372 min

Lab File: BG057657.D

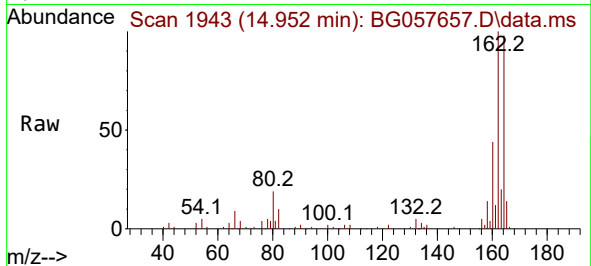
Acq: 7 Jun 2023 5:16

Instrument :

BNA_G

ClientSampleId :

PB153132BL



Tgt Ion:165 Resp: 9526

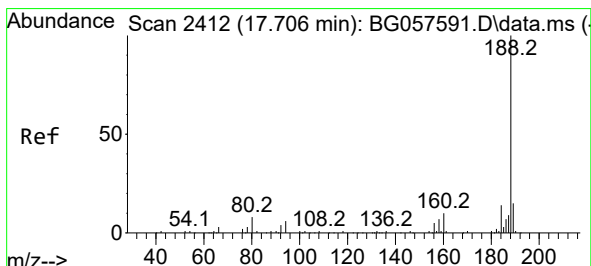
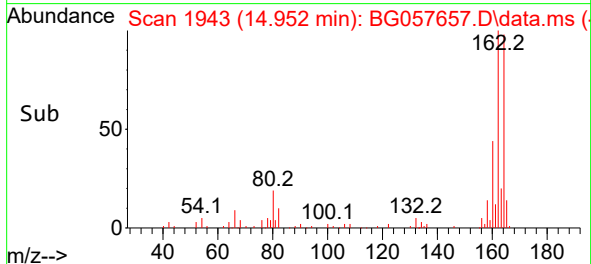
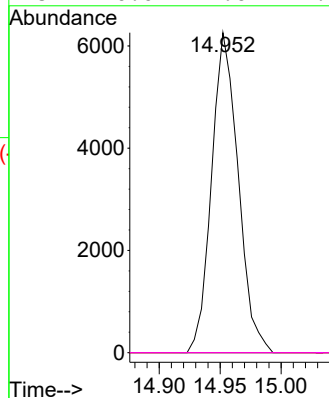
Ion Ratio Lower Upper

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: 17.696 min Scan# 2410

Delta R.T. -0.002 min

Lab File: BG057657.D

Acq: 7 Jun 2023 5:16

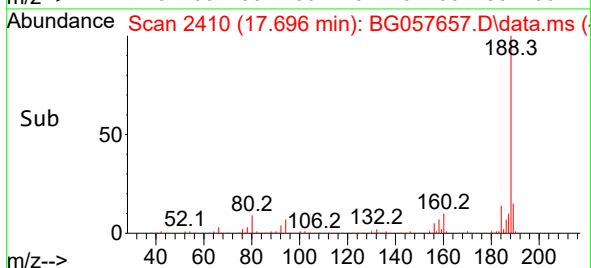
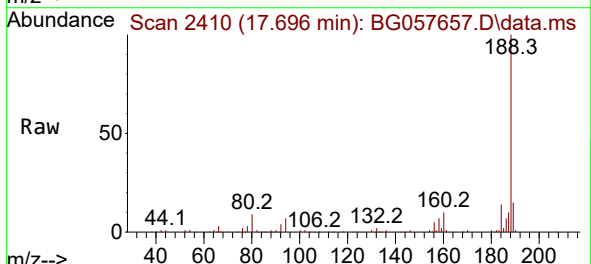
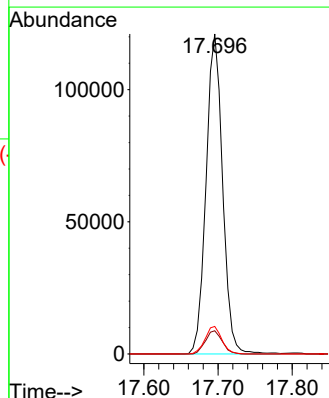
Tgt Ion:188 Resp: 187371

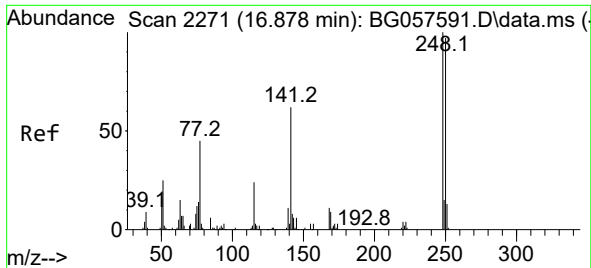
Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

80 8.6 6.7 10.1

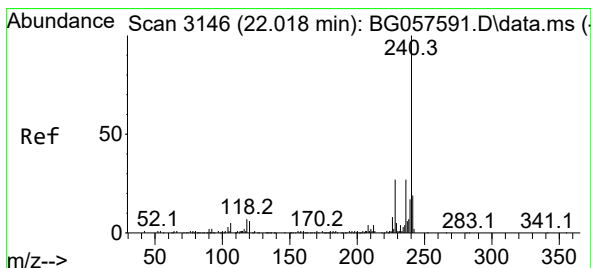
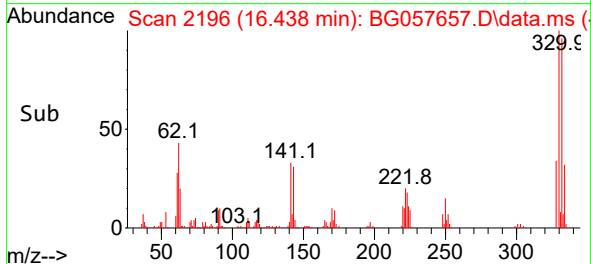
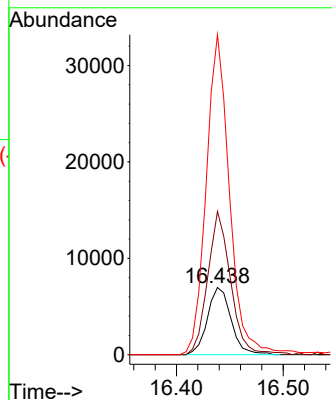
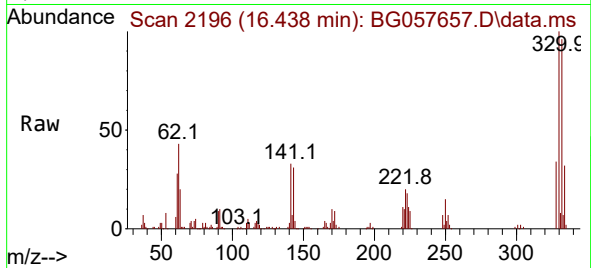




#67
4-Bromophenyl-phenylether
Concen: 5.119 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.431 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

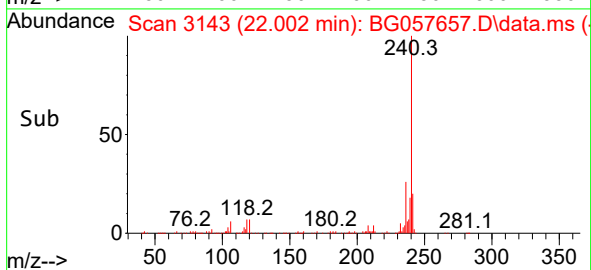
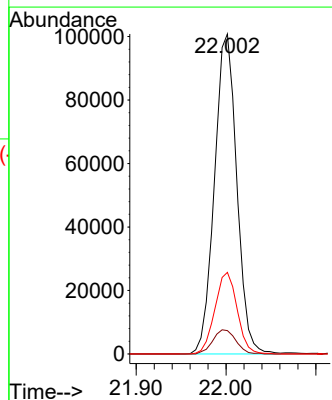
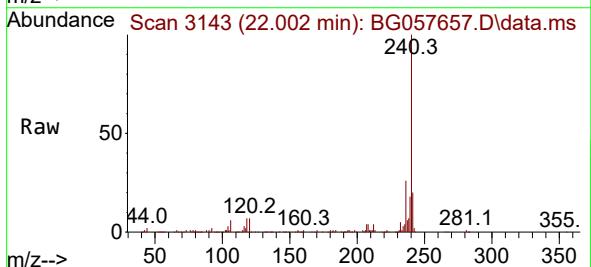
Instrument :
BNA_G
ClientSampleId :
PB153132BL

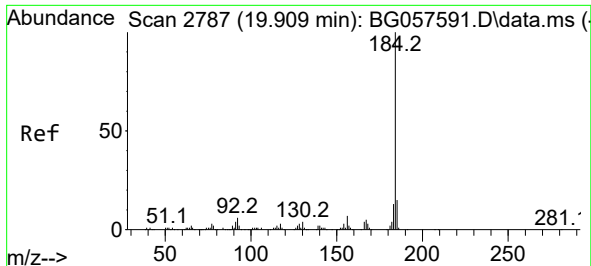
Tgt Ion:248 Resp: 10759
Ion Ratio Lower Upper
248 100
250 213.1 77.4 116.2#
141 475.6 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.002 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion:240 Resp: 173630
Ion Ratio Lower Upper
240 100
120 7.3 5.2 7.8
236 25.5 21.4 32.0

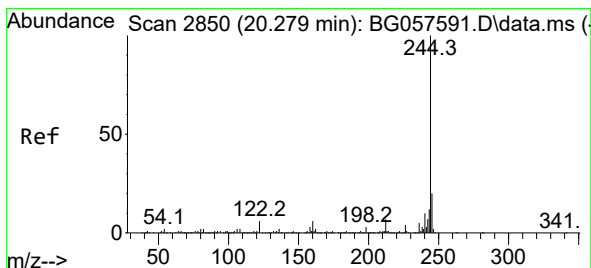
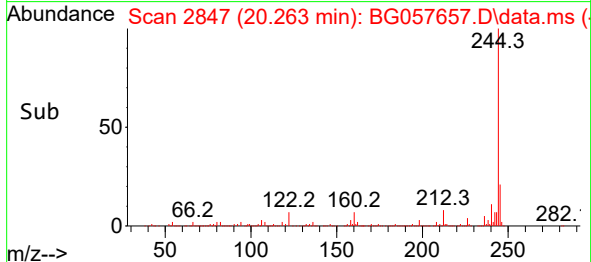
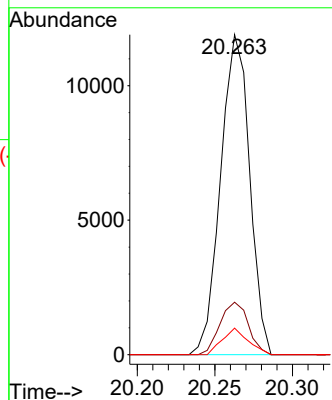
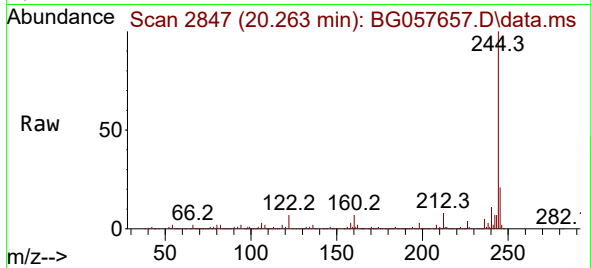




#77
Benzidine
Concen: 2.940 ng
RT: 20.263 min Scan# 2847
Delta R.T. 0.368 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

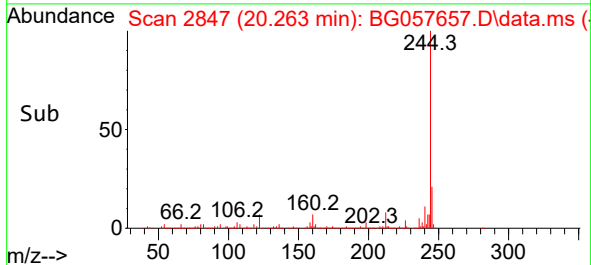
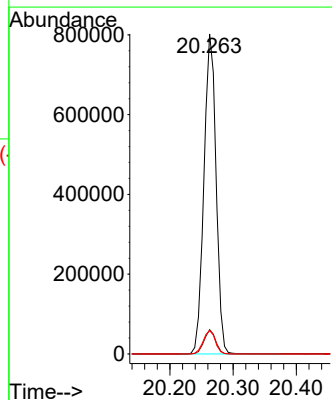
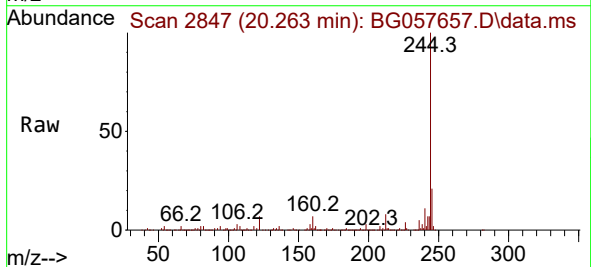
Instrument :
BNA_G
ClientSampleId :
PB153132BL

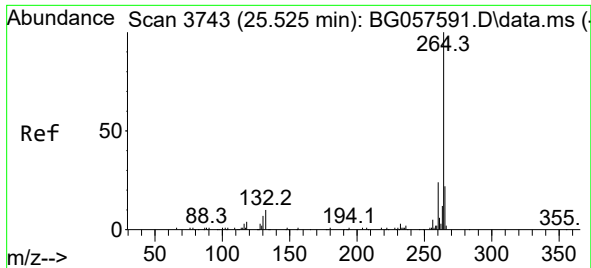
Tgt Ion:184 Resp: 15447
Ion Ratio Lower Upper
184 100
185 16.4 12.0 18.0
183 8.3 10.0 15.0#



#79
Terphenyl-d14
Concen: 106.375 ng
RT: 20.263 min Scan# 2847
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion:244 Resp: 1066259
Ion Ratio Lower Upper
244 100
212 7.6 5.6 8.4
122 7.3 4.8 7.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.491 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG057657.D
 Acq: 7 Jun 2023 5:16

Instrument :
 BNA_G
 ClientSampleId :
 PB153132BL

Tgt Ion:264 Resp: 180957
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.9 17.7 26.5

