

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057135.D
 Acq On : 18 Apr 2023 22:31
 Operator : CG/JU
 Sample : PB152179BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL

Quant Time: Apr 19 05:00:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 04:21:14 2023
 Response via : Initial Calibration

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

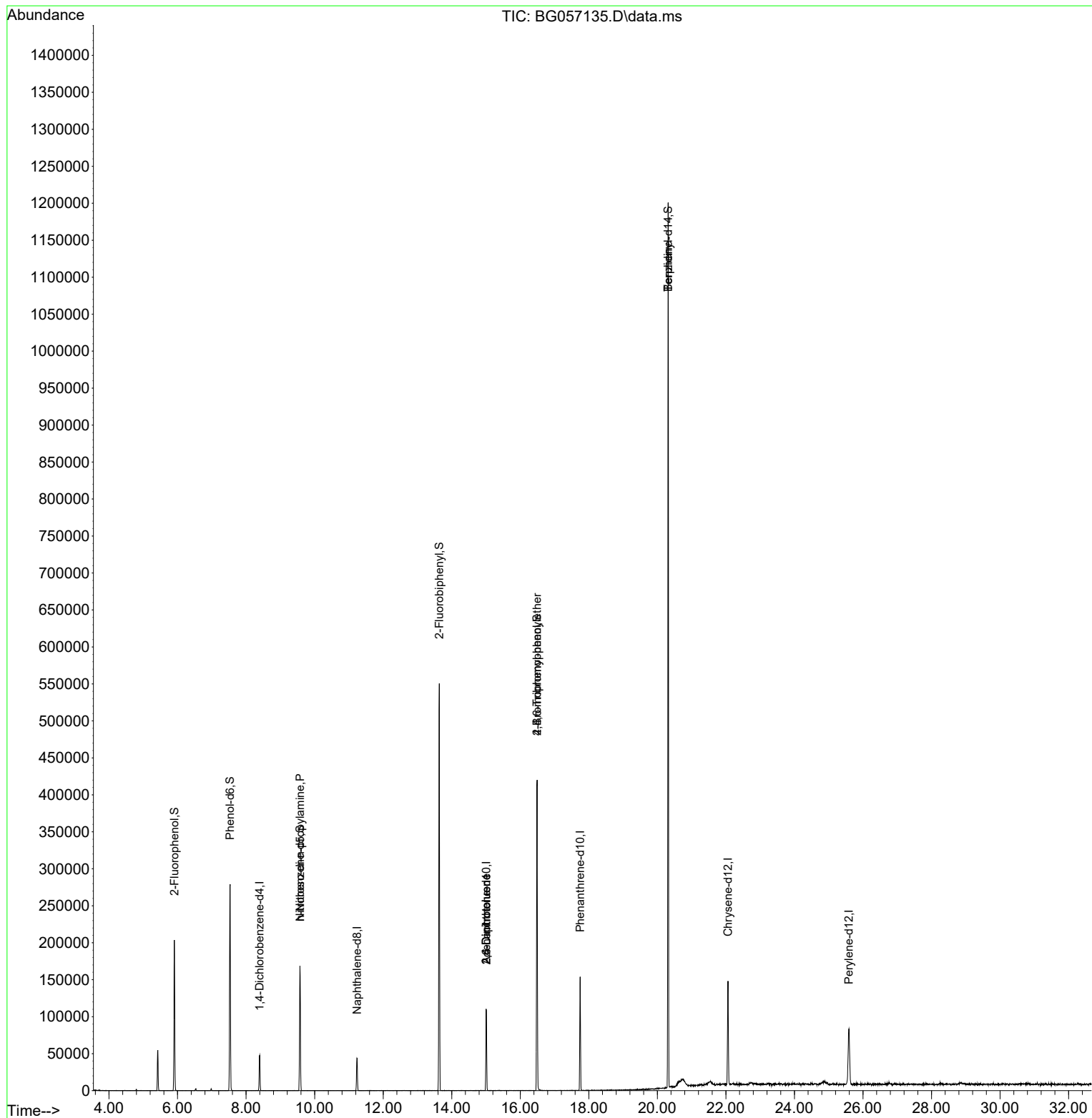
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.396	152	13379	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	37096	20.000	ng	# 0.00
39) Acenaphthene-d10	15.005	164	39765	20.000	ng	0.00
64) Phenanthrene-d10	17.748	188	98584	20.000	ng	# 0.00
76) Chrysene-d12	22.060	240	87748	20.000	ng	0.00
86) Perylene-d12	25.591	264	93999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.906	112	78581	100.032	ng	0.00
7) Phenol-d6	7.533	99	157893	135.969	ng	0.00
23) Nitrobenzene-d5	9.571	82	105216	124.909	ng	0.00
42) 2,4,6-Tribromophenol	16.491	330	90550	134.223	ng	0.00
45) 2-Fluorobiphenyl	13.636	172	276268	91.532	ng	0.00
79) Terphenyl-d14	20.316	244	571944	98.609	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.571	70	14819	14.221	ng	# 85
51) 2,6-Dinitrotoluene	15.005	165	5365	7.861	ng	# 21
57) 2,4-Dinitrotoluene	15.005	165	5365	5.576	ng	# 21
63) Azobenzene	16.485	77	433	Below Cal		# 2
67) 4-Bromophenyl-phenylether	16.491	248	5457	4.370	ng	# 1
77) Benzidine	20.316	184	9072	3.766	ng	# 85

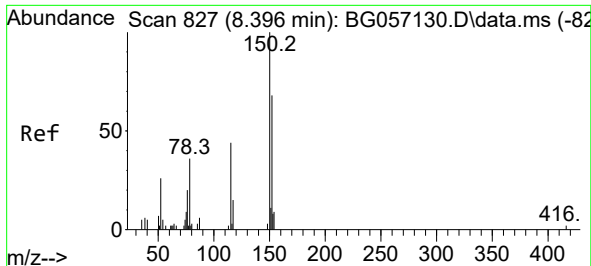
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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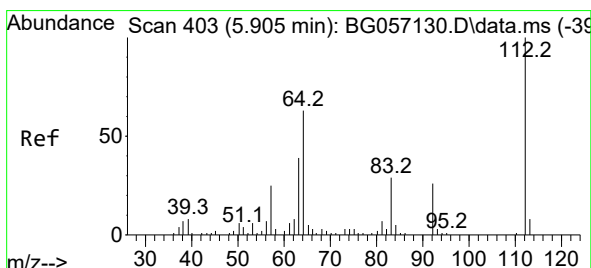
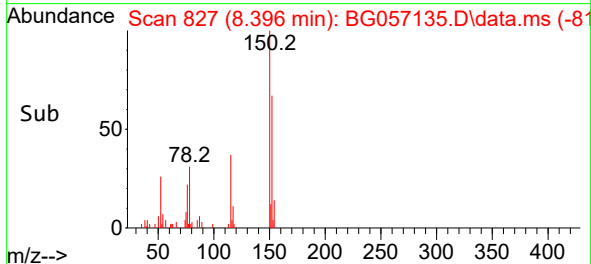
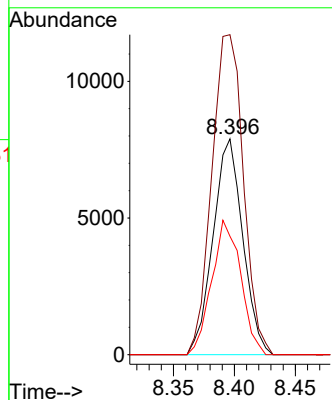
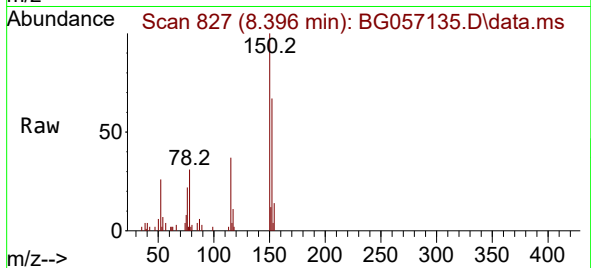




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.396 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

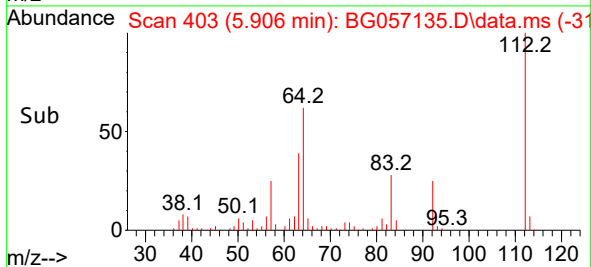
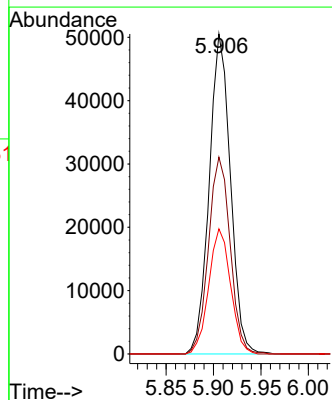
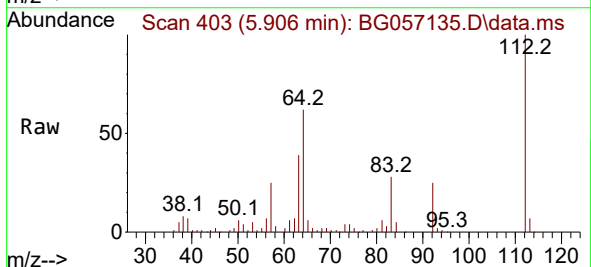
Instrument :
BNA_G
ClientSampleId :
PB152179BL

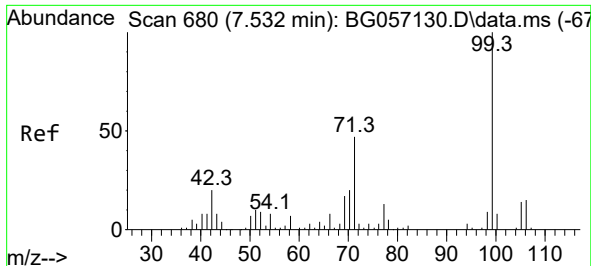
Tgt Ion:152 Resp: 13379
Ion Ratio Lower Upper
152 100
150 148.3 118.0 177.0
115 54.8 51.8 77.6



#5
2-Fluorophenol
Concen: 100.032 ng
RT: 5.906 min Scan# 403
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion:112 Resp: 78581
Ion Ratio Lower Upper
112 100
64 61.5 50.6 76.0
63 39.1 31.2 46.8

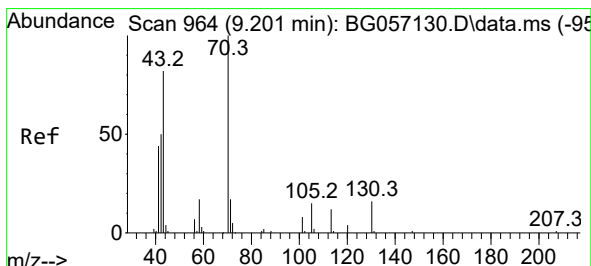
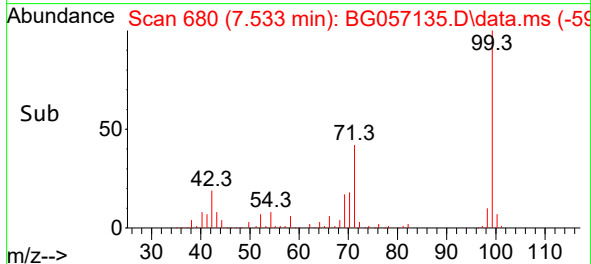
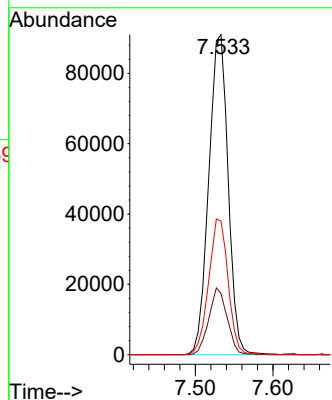
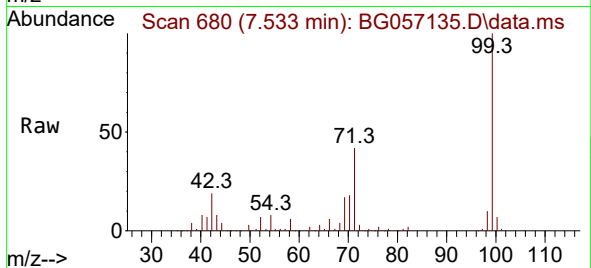




#7
Phenol-d6
Concen: 135.969 ng
RT: 7.533 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

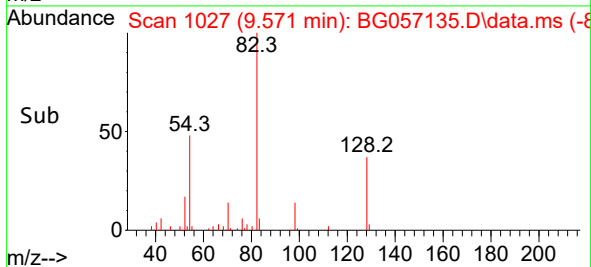
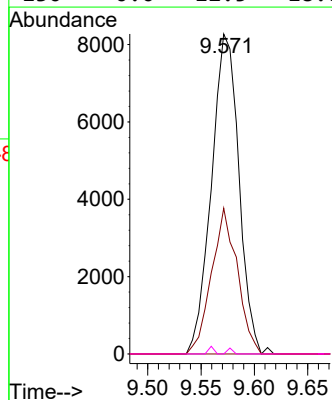
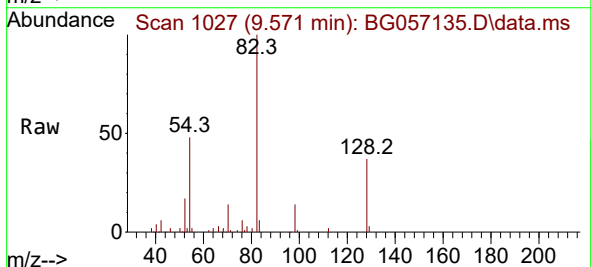
Instrument :
BNA_G
ClientSampleId :
PB152179BL

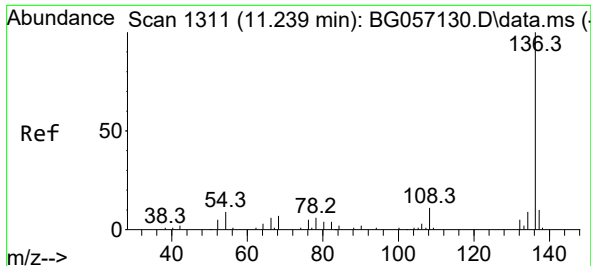
Tgt Ion: 99 Resp: 157893
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.4
71 41.8 37.8 56.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.221 ng
RT: 9.571 min Scan# 1027
Delta R.T. 0.371 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion: 70 Resp: 14819
Ion Ratio Lower Upper
70 100
42 45.6 40.2 60.4
101 0.0 6.7 10.1#
130 0.0 12.5 18.7#

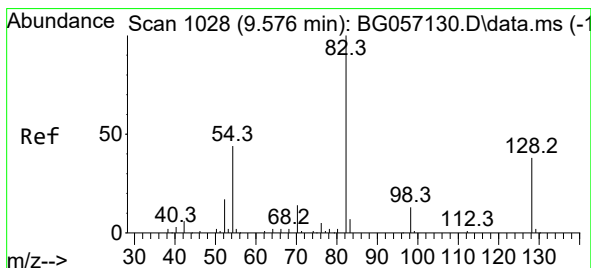
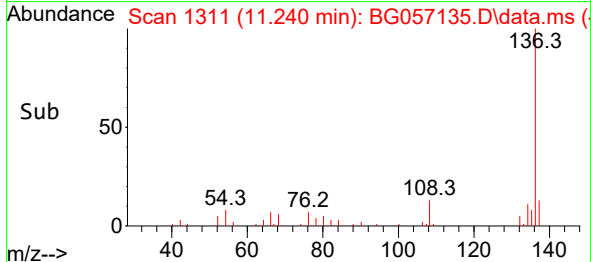
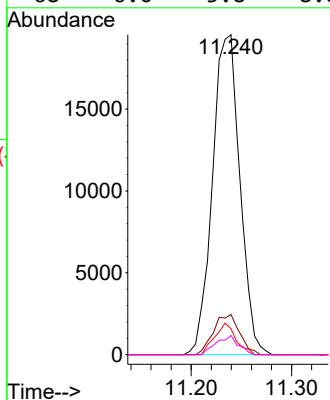
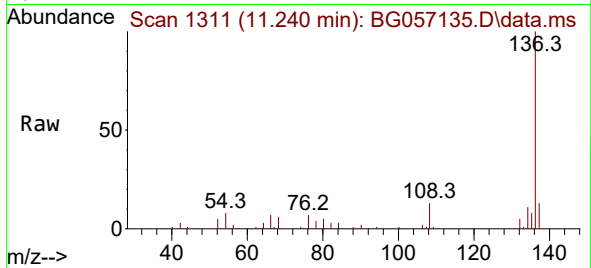




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

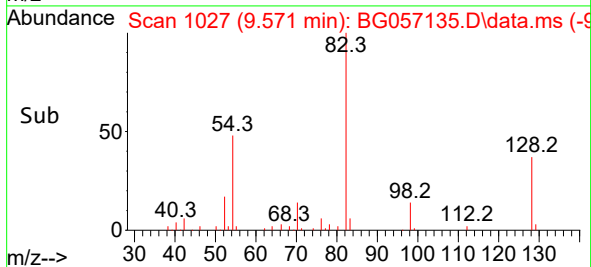
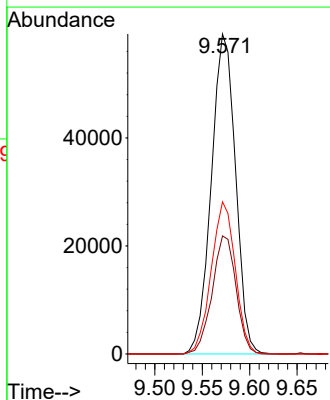
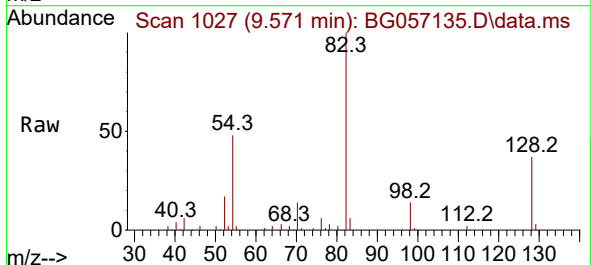
Instrument :
BNA_G
ClientSampleId :
PB152179BL

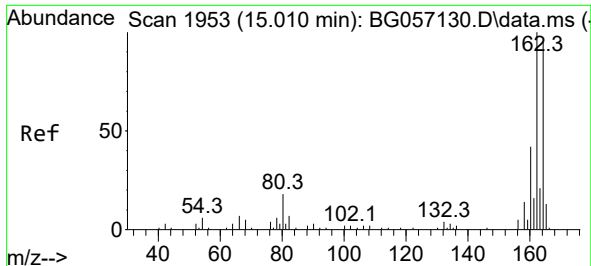
Tgt Ion:136 Resp: 37096
Ion Ratio Lower Upper
136 100
137 12.6 7.8 11.6#
54 8.1 7.3 10.9
68 6.0 5.8 8.8



#23
Nitrobenzene-d5
Concen: 124.909 ng
RT: 9.571 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion: 82 Resp: 105216
Ion Ratio Lower Upper
82 100
128 36.9 30.5 45.7
54 47.5 35.4 53.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.005 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BG057135.D

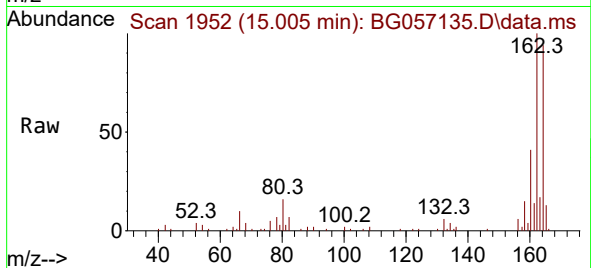
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Instrument :

BNA_G

ClientSampleId :

PB152179BL



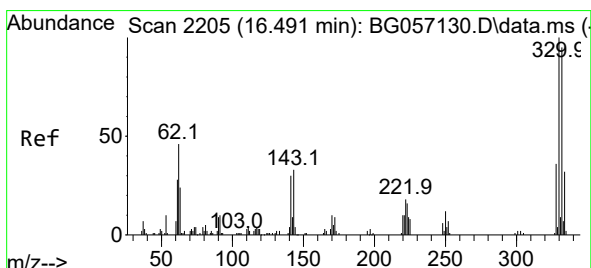
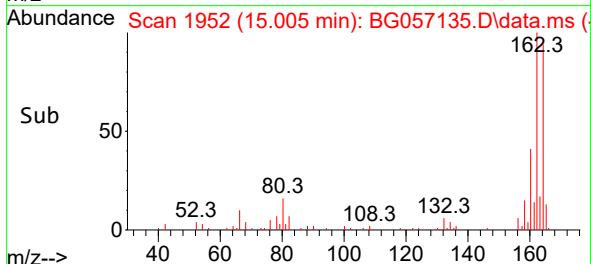
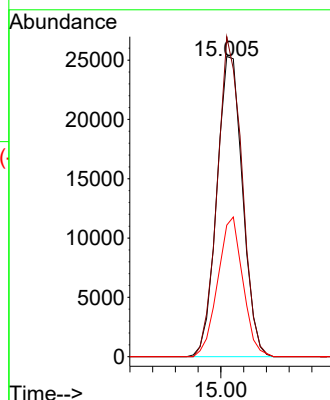
Tgt Ion:164 Resp: 39765

Ion Ratio Lower Upper

164 100

162 106.6 83.8 125.8

160 43.8 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 134.223 ng

RT: 16.491 min Scan# 2205

Delta R.T. 0.001 min

Lab File: BG057135.D

Acq: 18 Apr 2023 22:31

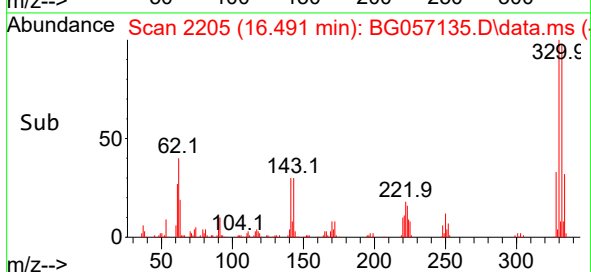
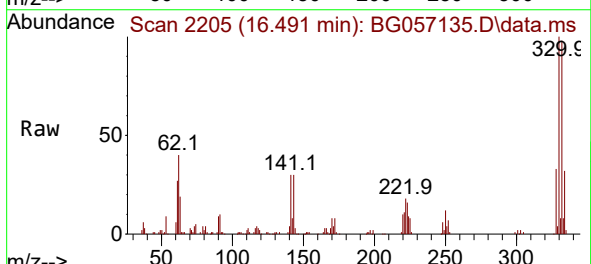
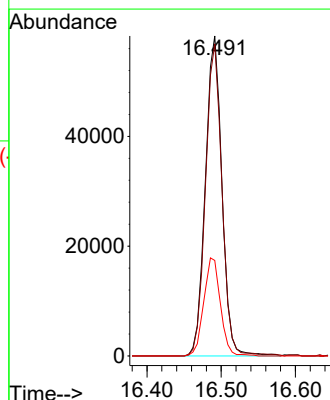
Tgt Ion:330 Resp: 90550

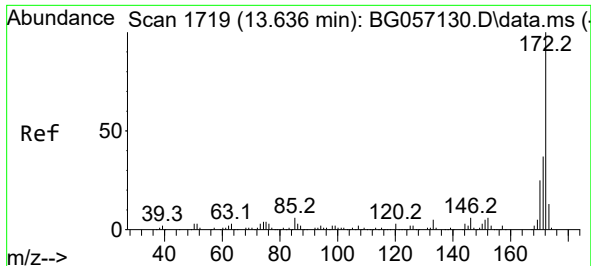
Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 30.8 24.2 36.4

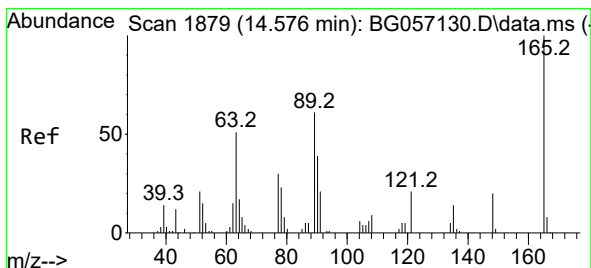
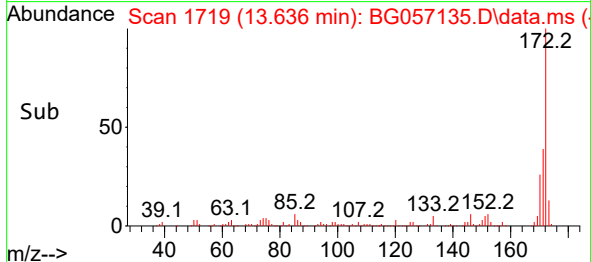
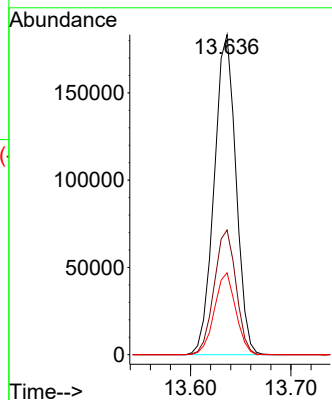
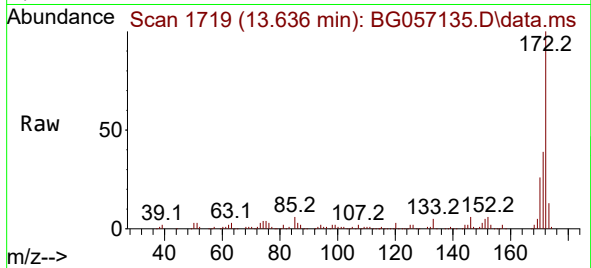




#45
2-Fluorobiphenyl
Concen: 91.532 ng
RT: 13.636 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

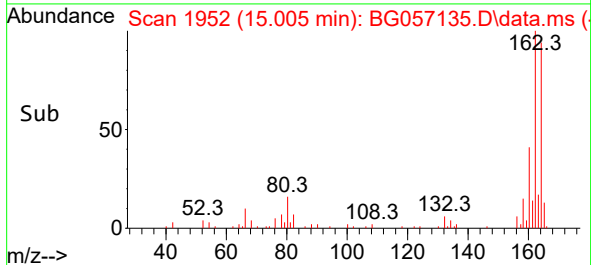
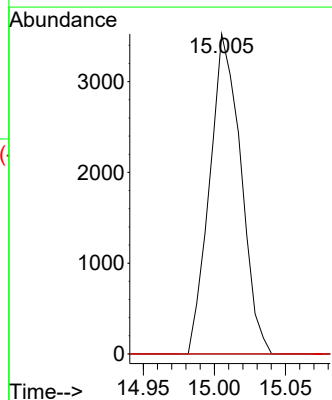
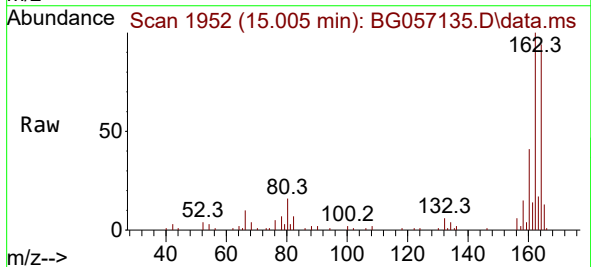
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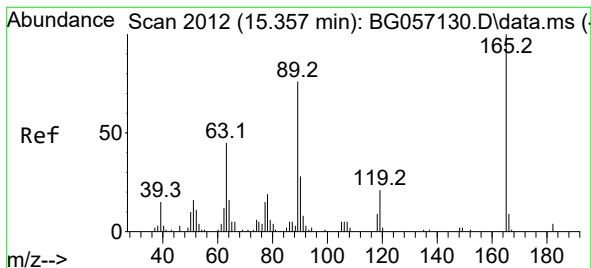
Tgt Ion:172 Resp: 276268
Ion Ratio Lower Upper
172 100
171 39.0 29.9 44.9
170 25.6 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.861 ng
RT: 15.005 min Scan# 1952
Delta R.T. 0.429 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion:165 Resp: 5365
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.5 72.7#

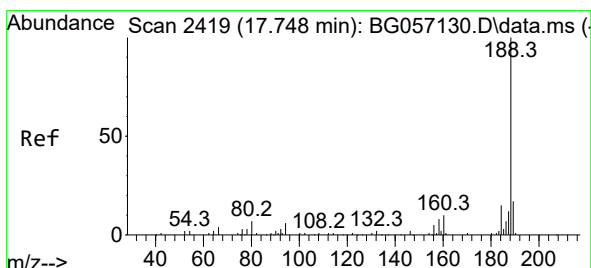
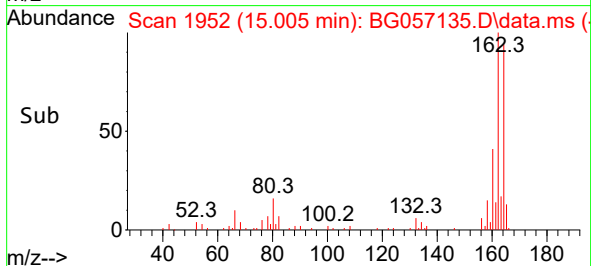
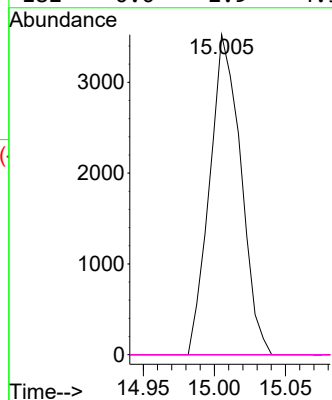
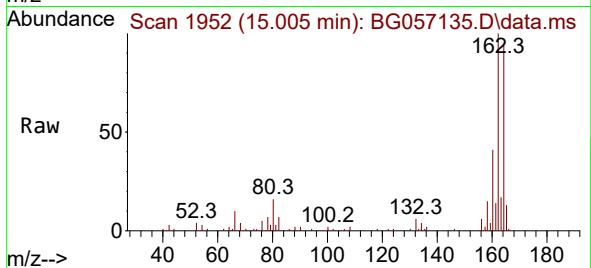




#57
2,4-Dinitrotoluene
Concen: 5.576 ng
RT: 15.005 min Scan# 1952
Delta R.T. -0.352 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

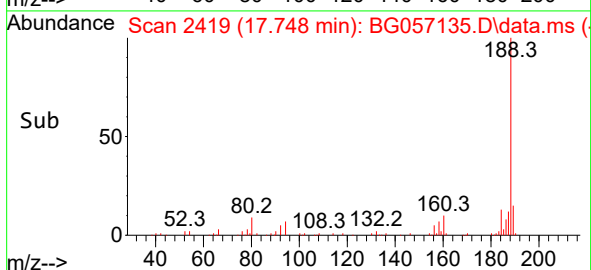
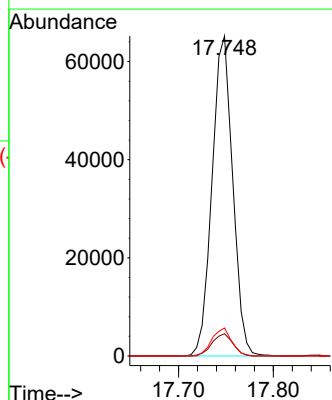
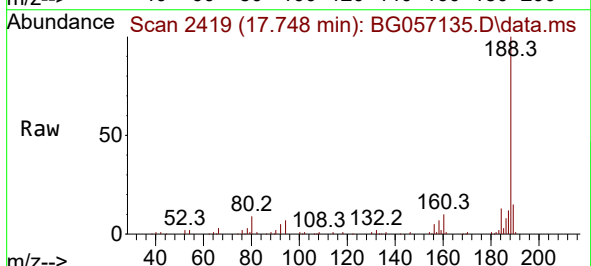
Instrument :
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PB152179BL

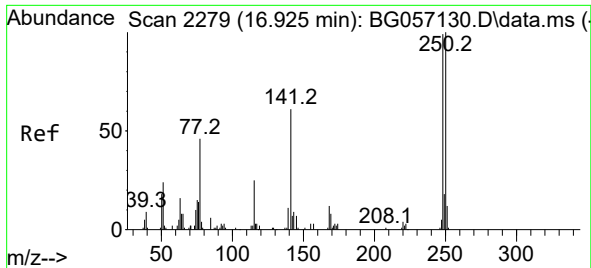
Tgt Ion:	165	Resp:	5365
Ion Ratio	Lower	Upper	
165	100		
63	0.0	35.8	53.6#
89	0.0	61.0	91.4#
182	0.0	2.9	4.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.748 min Scan# 2419
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion:	188	Resp:	98584
Ion Ratio	Lower	Upper	
188	100		
94	7.0	4.4	6.6#
80	8.7	5.8	8.6#

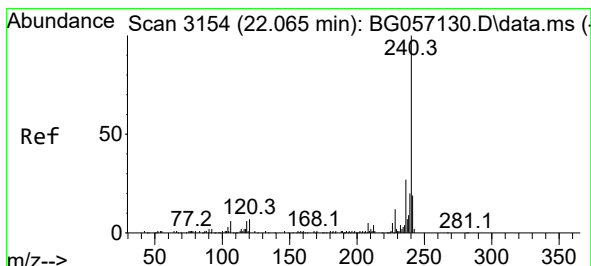
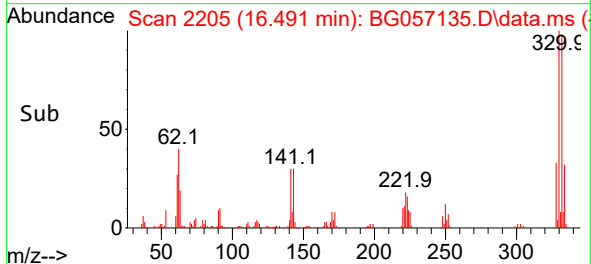
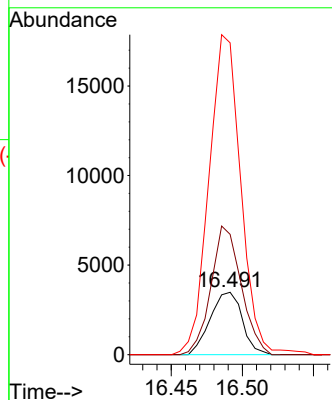
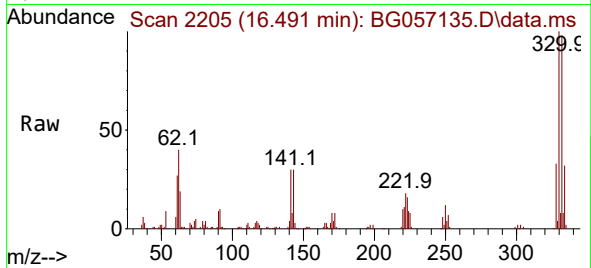




#67
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 16.491 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

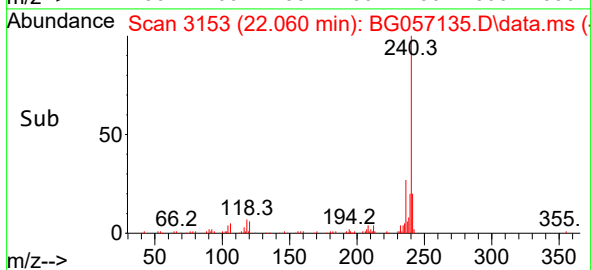
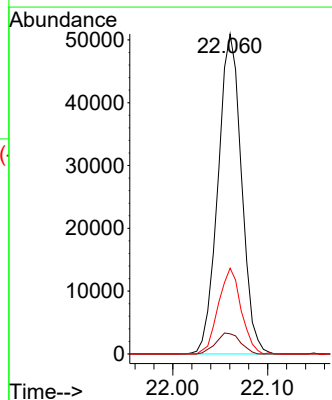
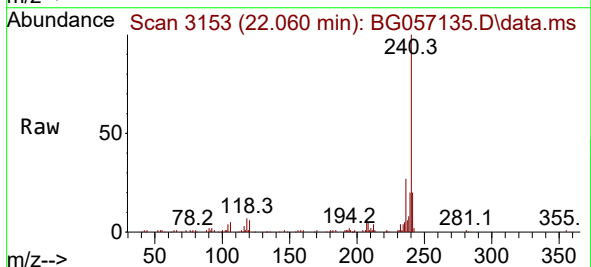
Instrument :
BNA_G
ClientSampleId :
PB152179BL

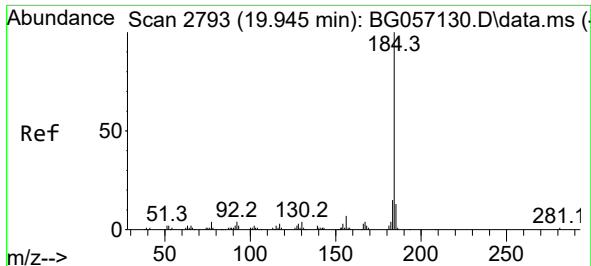
Tgt Ion:248 Resp: 5457
Ion Ratio Lower Upper
248 100
250 192.7 80.8 121.2#
141 499.4 49.4 74.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.060 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

Tgt Ion:240 Resp: 87748
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 26.8 21.3 31.9

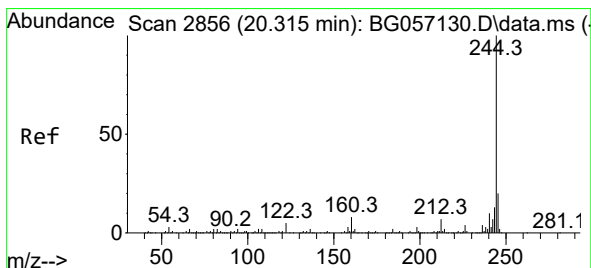
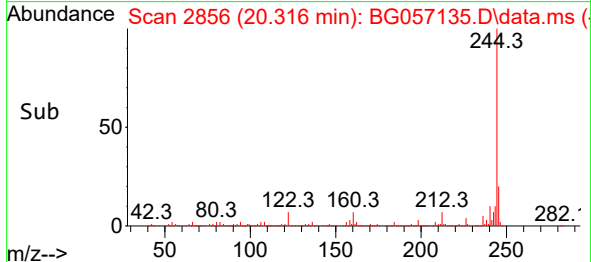
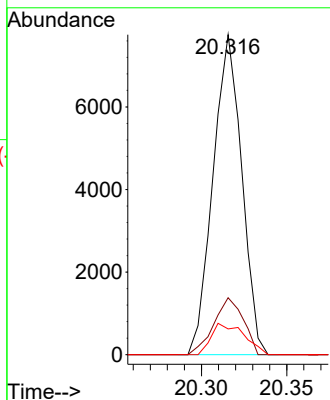
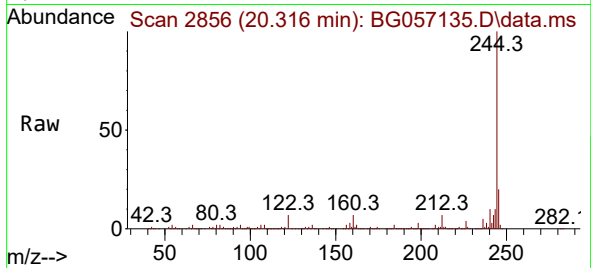




#77
Benzidine
Concen: 3.766 ng
RT: 20.316 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

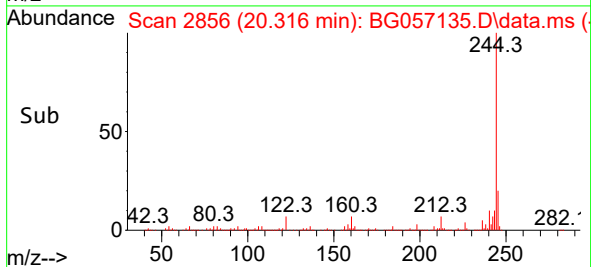
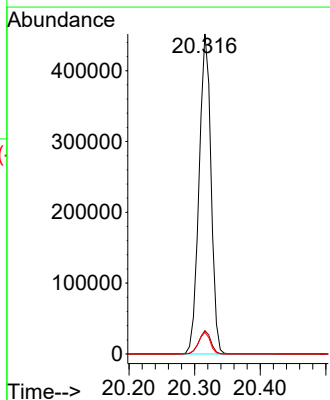
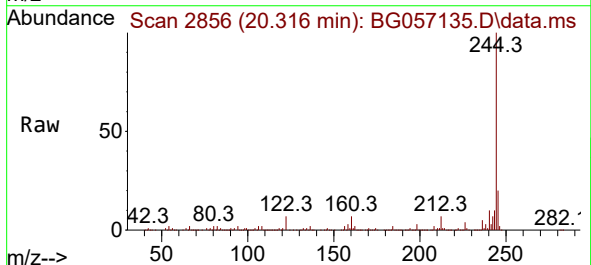
Instrument :
BNA_G
ClientSampleId :
PB152179BL

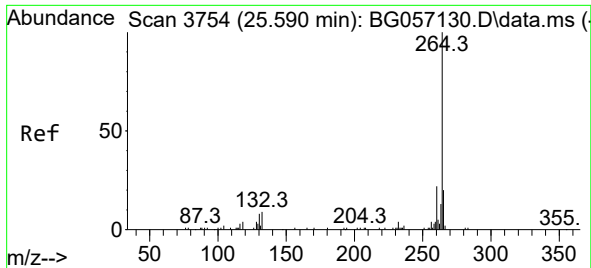
Tgt Ion:184 Resp: 9072
Ion Ratio Lower Upper
184 100
185 17.8 10.2 15.4#
183 8.1 12.3 18.5#



#79
Terphenyl-d14
Concen: 98.609 ng
RT: 20.316 min Scan# 2856
Delta R.T. 0.001 min
Lab File: BG057135.D
Acq: 18 Apr 2023 22:31

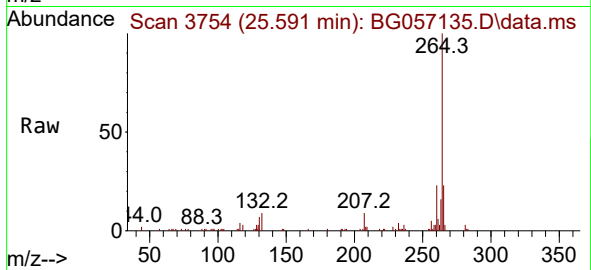
Tgt Ion:244 Resp: 571944
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 6.8 4.3 6.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.591 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BG057135.D
 Acq: 18 Apr 2023 22:31

Instrument :
 BNA_G
 ClientSampleId :
 PB152179BL



Tgt Ion:	264	Resp:	93999
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.9	26.9
265	23.3	16.5	24.7

