

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056962.D
 Acq On : 4 Apr 2023 12:23
 Operator : CG/JU
 Sample : PB151881BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151881BL

Quant Time: Apr 05 04:06:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

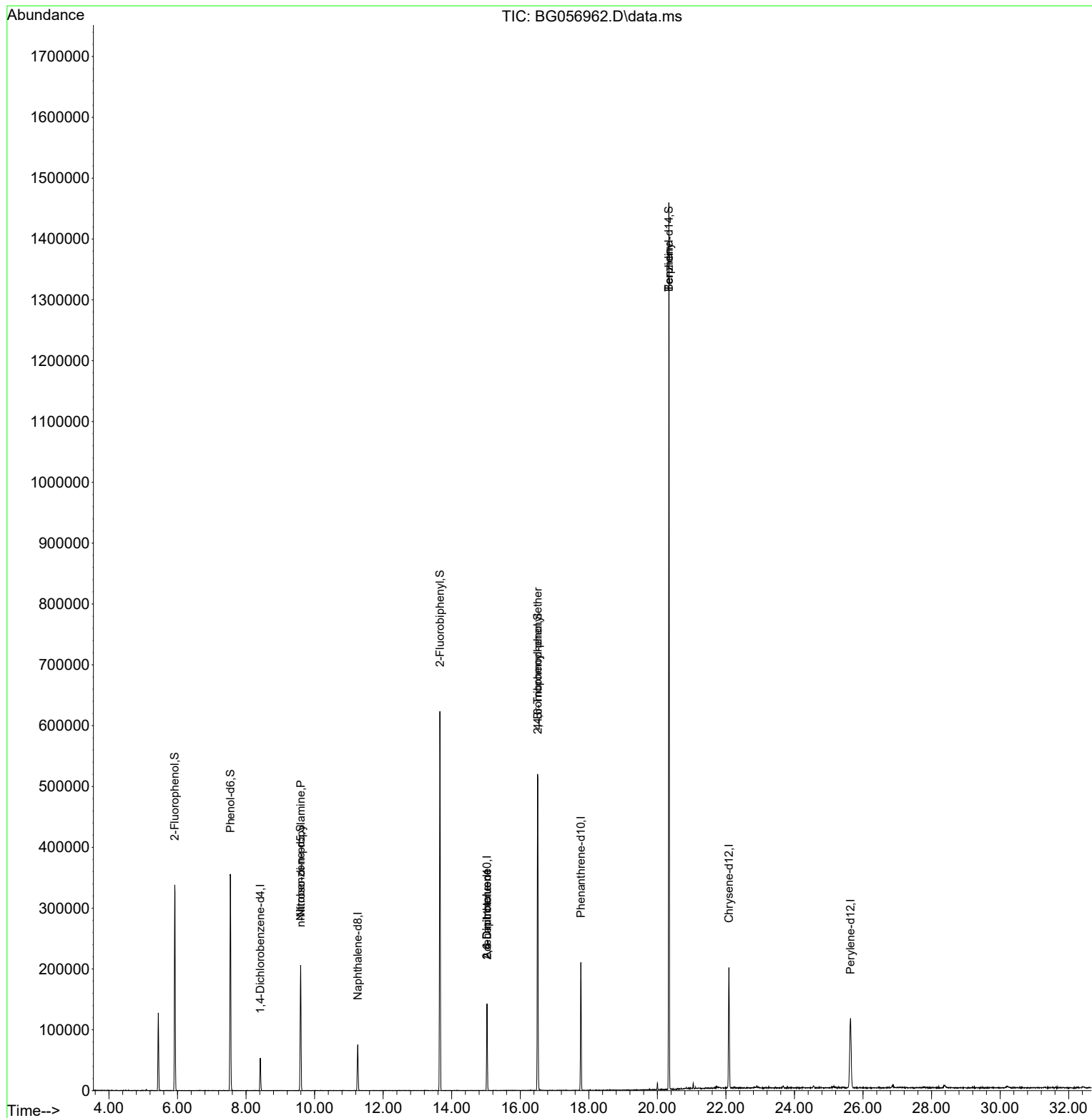
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.416	152	14739	20.000	ng	0.00
21) Naphthalene-d8	11.260	136	62688	20.000	ng	0.00
39) Acenaphthene-d10	15.031	164	50154	20.000	ng	0.00
64) Phenanthrene-d10	17.768	188	134929	20.000	ng	0.00
76) Chrysene-d12	22.086	240	132145	20.000	ng	-0.01
86) Perylene-d12	25.634	264	141402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	138282	150.155	ng	0.00
7) Phenol-d6	7.547	99	201633	146.390	ng	0.00
23) Nitrobenzene-d5	9.591	82	127058	82.933	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	108952	135.981	ng	0.00
45) 2-Fluorobiphenyl	13.656	172	321137	86.826	ng	0.00
79) Terphenyl-d14	20.336	244	723397	92.633	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.597	70	18071	18.343	ng	# 74
51) 2,6-Dinitrotoluene	15.031	165	5849	6.850	ng	# 18
57) 2,4-Dinitrotoluene	15.031	165	5849	4.857	ng	# 18
67) 4-Bromophenyl-phenylether	16.505	248	6750	4.043	ng	# 1
77) Benzidine	20.336	184	11607	3.213	ng	# 88

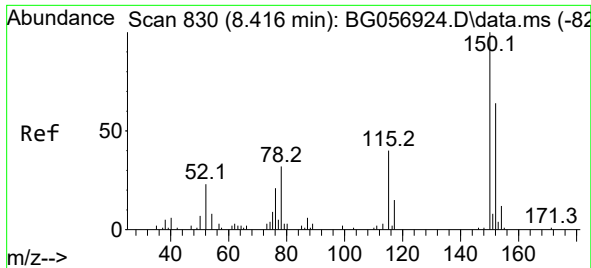
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
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Quant Time: Apr 05 04:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

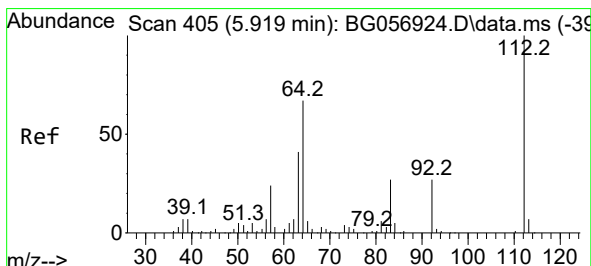
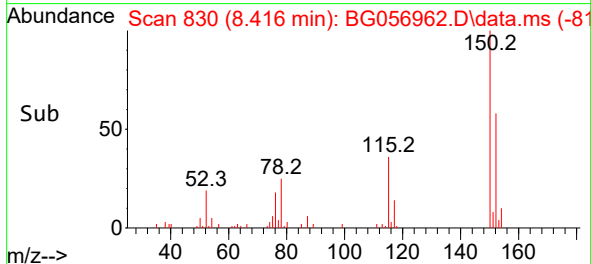
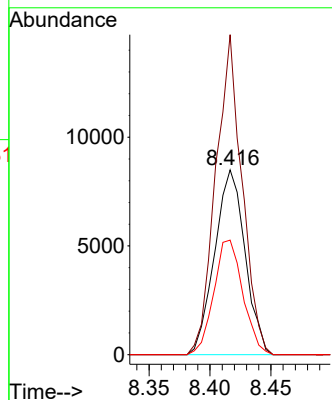
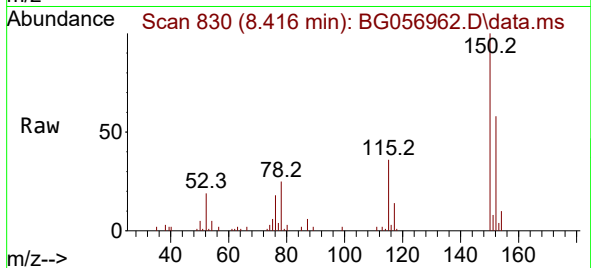




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

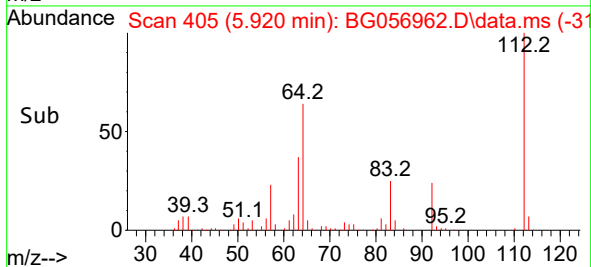
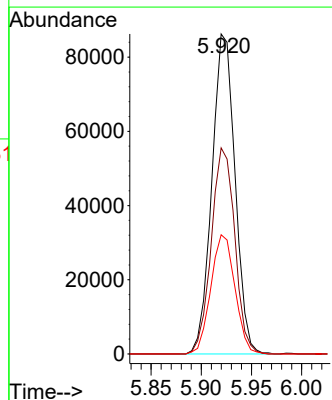
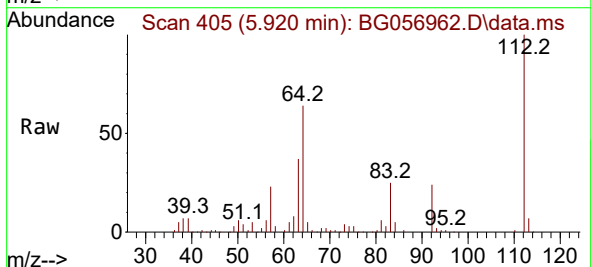
Instrument :
BNA_G
ClientSampleId :
PB151881BL

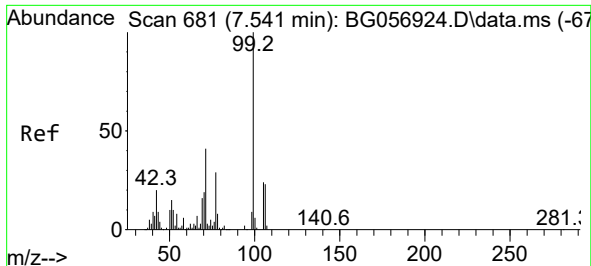
Tgt Ion:152 Resp: 14739
Ion Ratio Lower Upper
152 100
150 173.2 124.1 186.1
115 62.0 49.1 73.7



#5
2-Fluorophenol
Concen: 150.155 ng
RT: 5.920 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

Tgt Ion:112 Resp: 138282
Ion Ratio Lower Upper
112 100
64 64.4 53.2 79.8
63 37.3 32.6 48.8

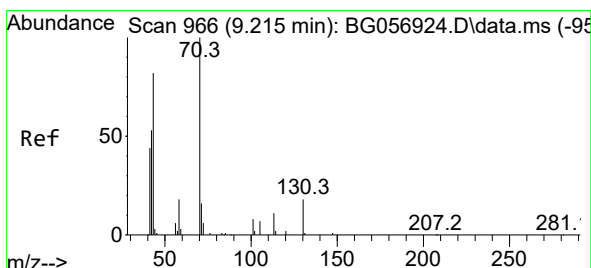
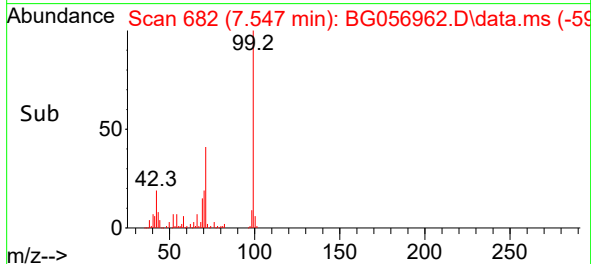
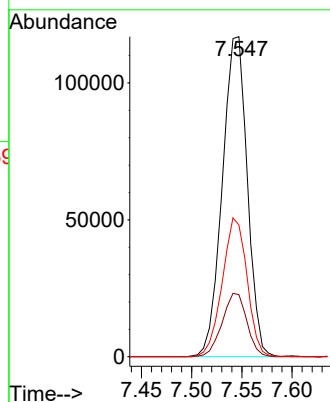
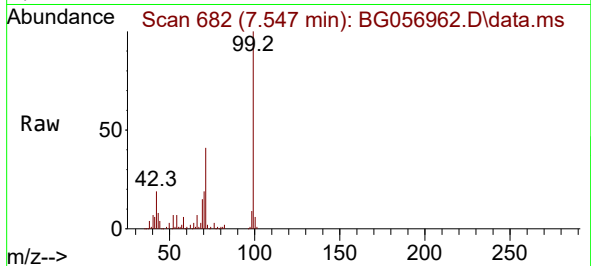




#7
Phenol-d6
Concen: 146.390 ng
RT: 7.547 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

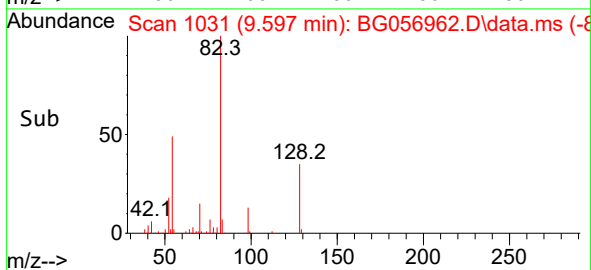
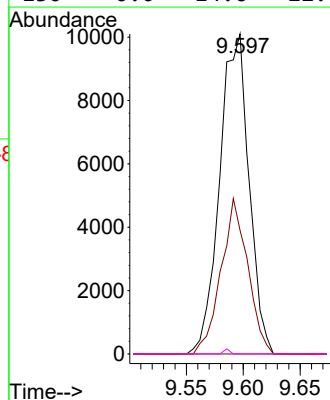
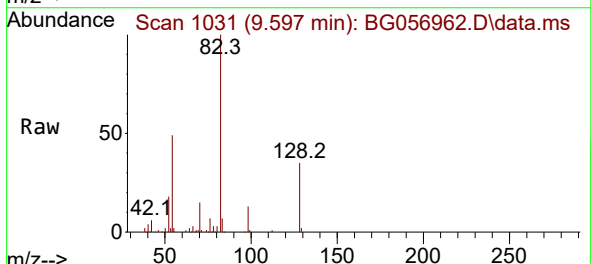
Instrument :
BNA_G
ClientSampleId :
PB151881BL

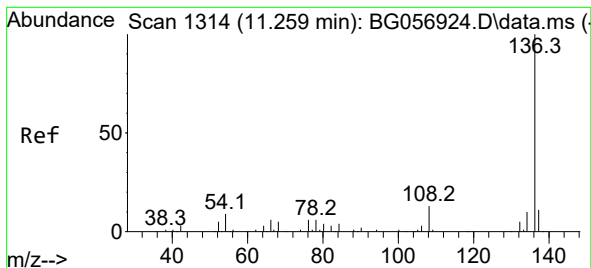
Tgt Ion: 99 Resp: 201633
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 41.1 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.343 ng
RT: 9.597 min Scan# 1031
Delta R.T. 0.382 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

Tgt Ion: 70 Resp: 18071
Ion Ratio Lower Upper
70 100
42 38.7 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.260 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG056962.D

Acq: 4 Apr 2023 12:23

Instrument :

BNA_G

ClientSampleId :

PB151881BL

Tgt Ion:136 Resp: 62688

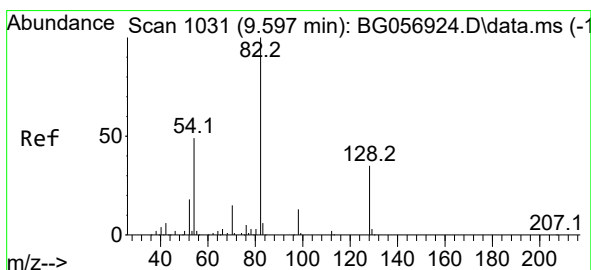
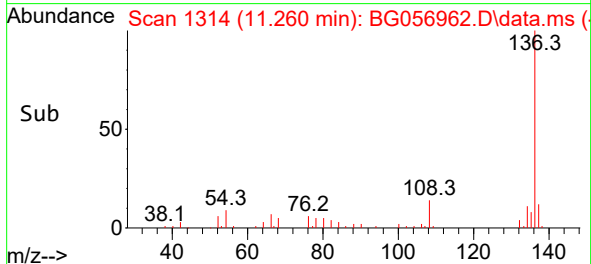
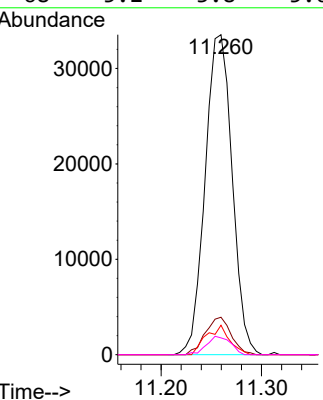
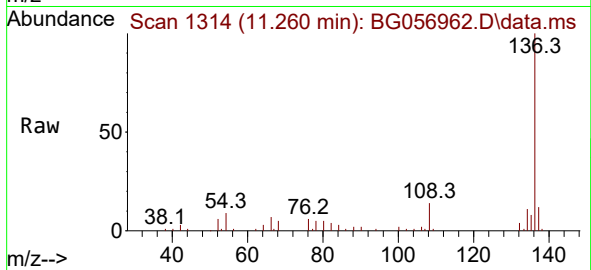
Ion Ratio Lower Upper

136 100

137 11.7 8.6 13.0

54 9.2 6.9 10.3

68 5.2 3.8 5.6



#23

Nitrobenzene-d5

Concen: 82.933 ng

RT: 9.591 min Scan# 1030

Delta R.T. -0.005 min

Lab File: BG056962.D

Acq: 4 Apr 2023 12:23

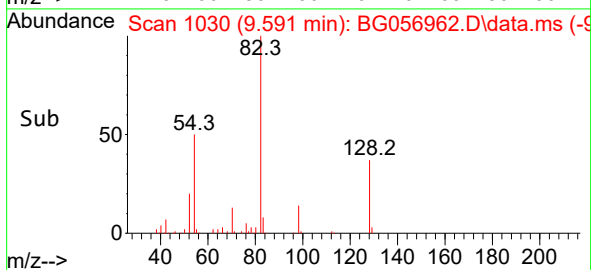
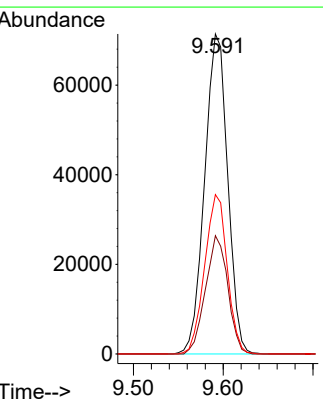
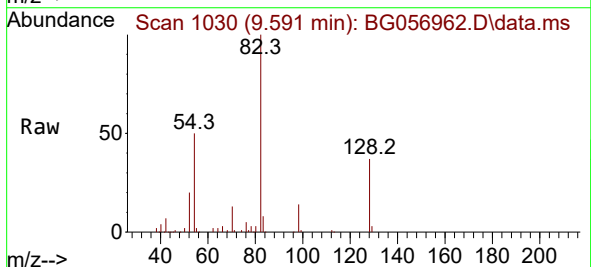
Tgt Ion: 82 Resp: 127058

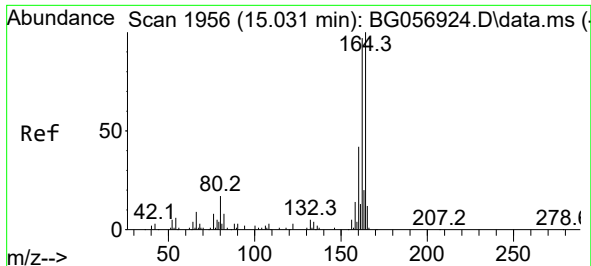
Ion Ratio Lower Upper

82 100

128 37.0 27.9 41.9

54 49.8 39.4 59.2

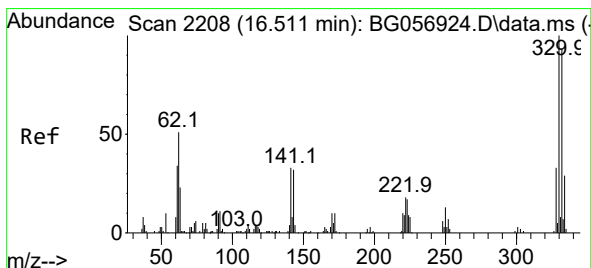
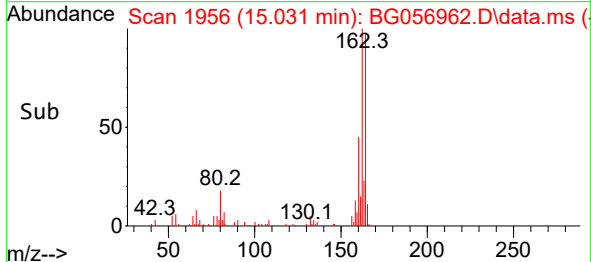
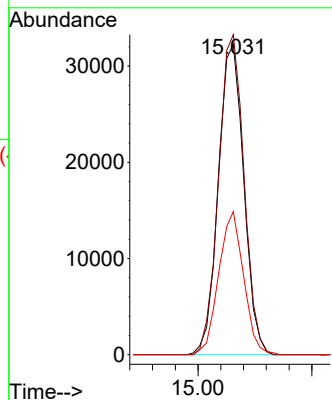
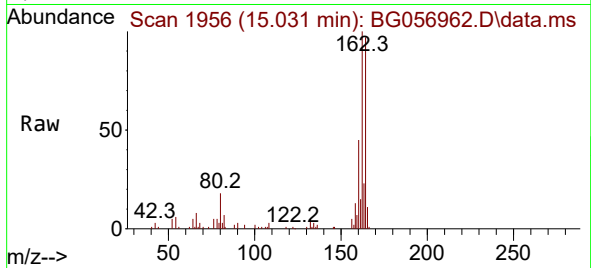




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.031 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

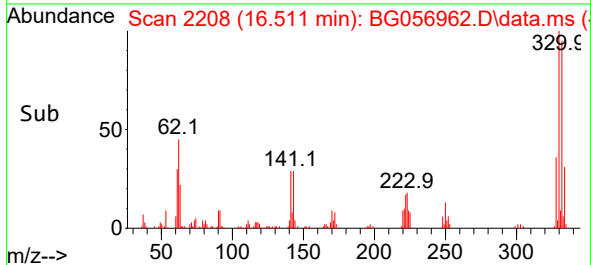
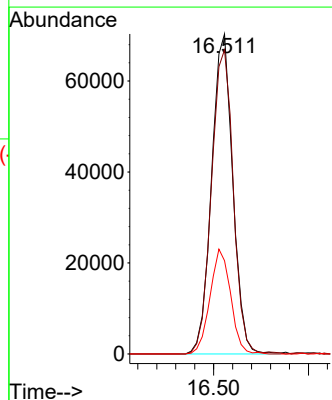
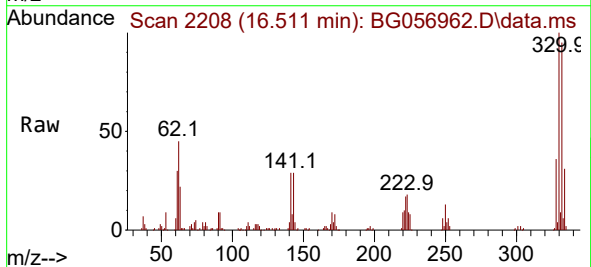
Instrument :
BNA_G
ClientSampleId :
PB151881BL

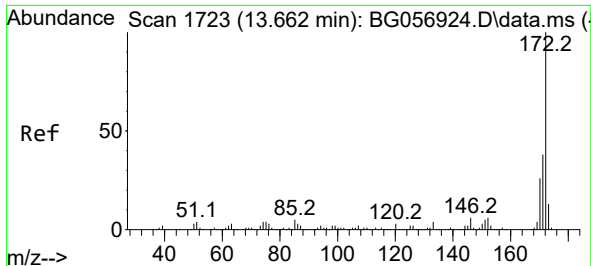
Tgt Ion:164 Resp: 50154
Ion Ratio Lower Upper
164 100
162 103.1 77.8 116.8
160 46.1 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 135.981 ng
RT: 16.511 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

Tgt Ion:330 Resp: 108952
Ion Ratio Lower Upper
330 100
332 97.8 76.1 114.1
141 31.9 25.8 38.6

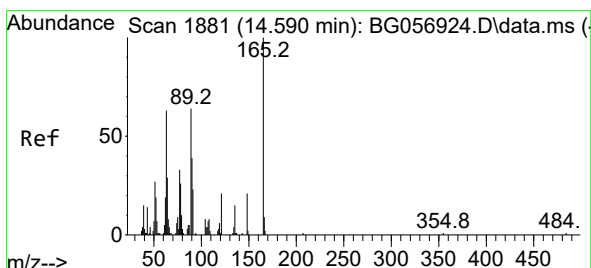
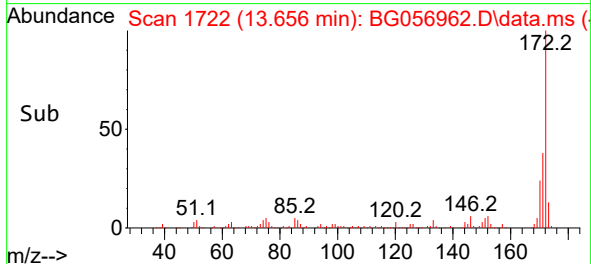
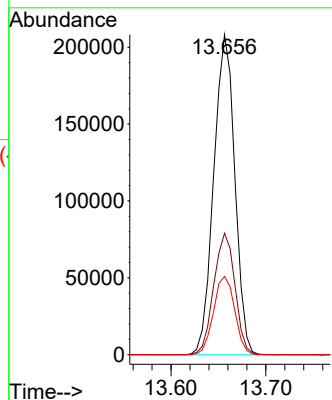
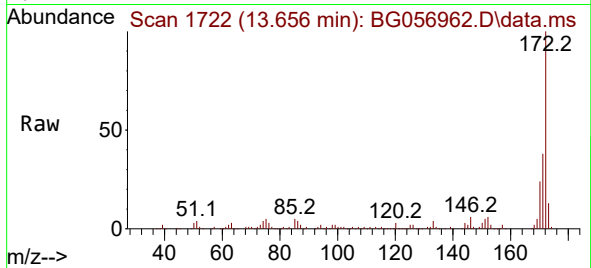




#45
2-Fluorobiphenyl
Concen: 86.826 ng
RT: 13.656 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

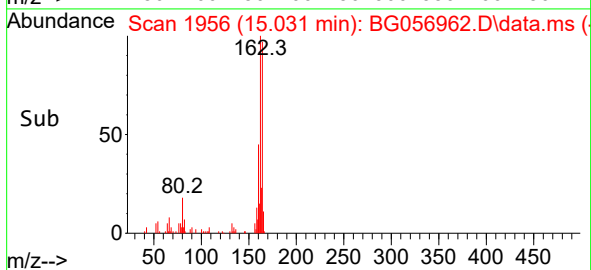
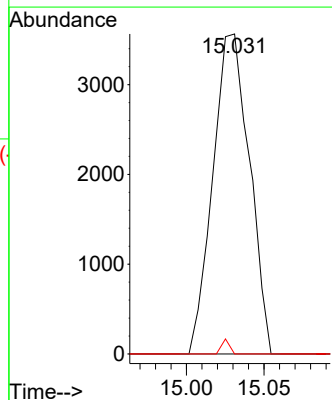
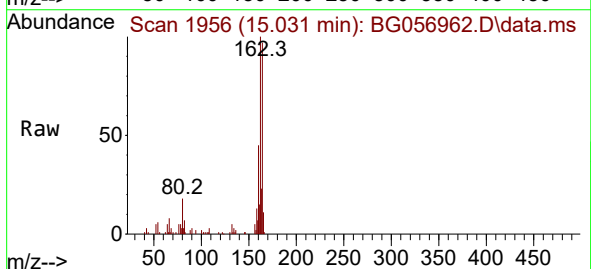
Instrument :
BNA_G
ClientSampleId :
PB151881BL

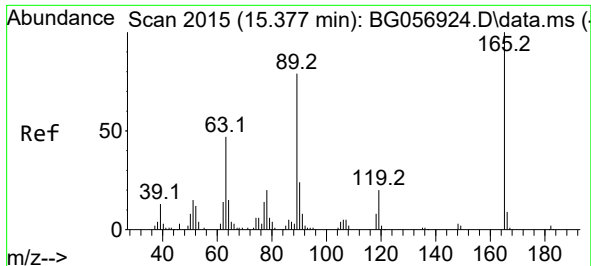
Tgt Ion:172 Resp: 321137
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 24.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 6.850 ng
RT: 15.031 min Scan# 1956
Delta R.T. 0.441 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

Tgt Ion:165 Resp: 5849
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 4.857 ng

RT: 15.031 min Scan# 1956

Delta R.T. -0.346 min

Lab File: BG056962.D

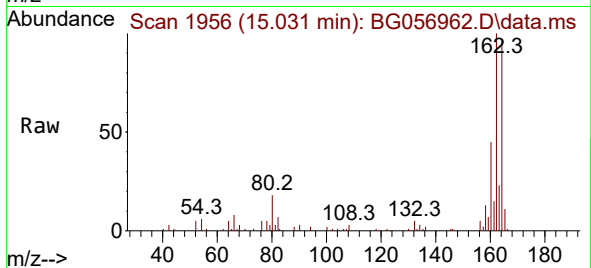
Acq: 4 Apr 2023 12:23

Instrument :

BNA_G

ClientSampleId :

PB151881BL



Tgt Ion:165 Resp: 5849

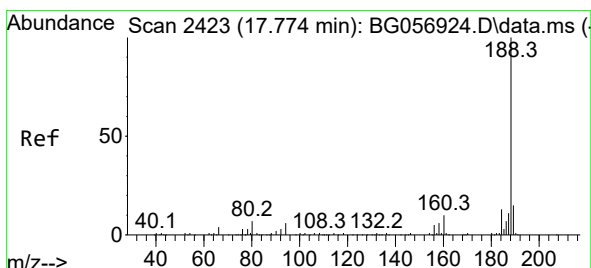
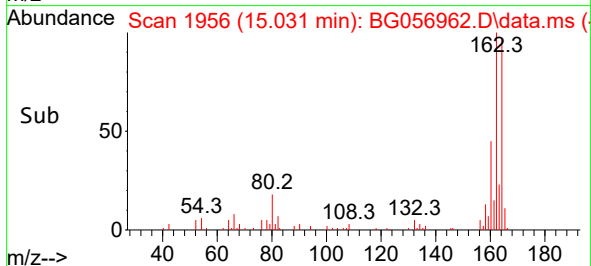
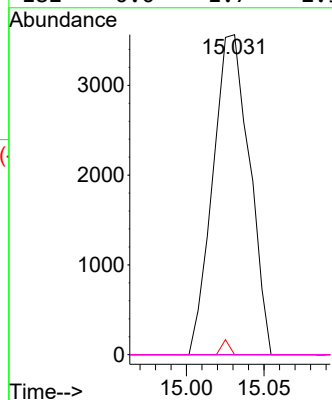
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.768 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG056962.D

Acq: 4 Apr 2023 12:23

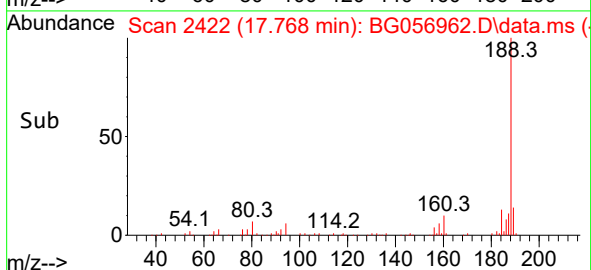
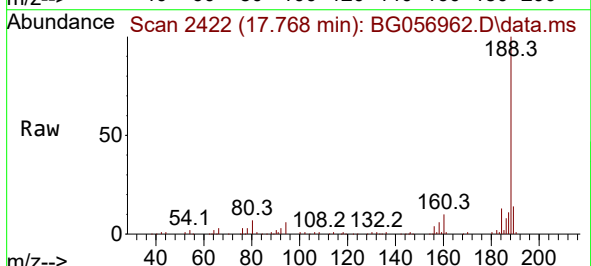
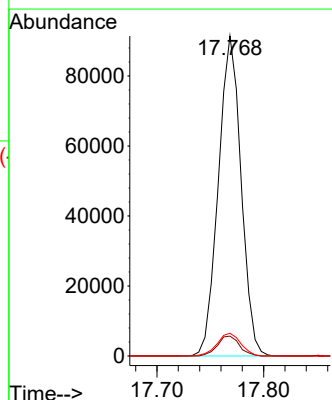
Tgt Ion:188 Resp: 134929

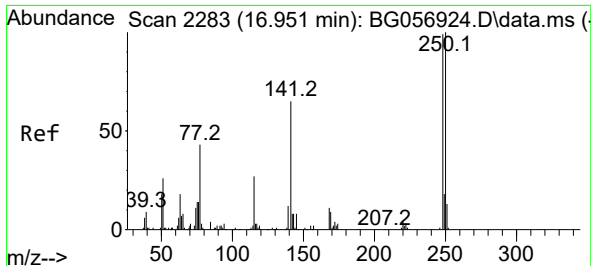
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.1 5.5 8.3

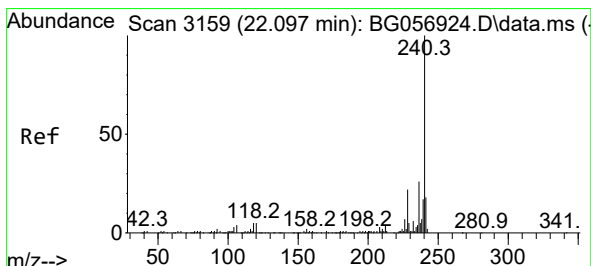
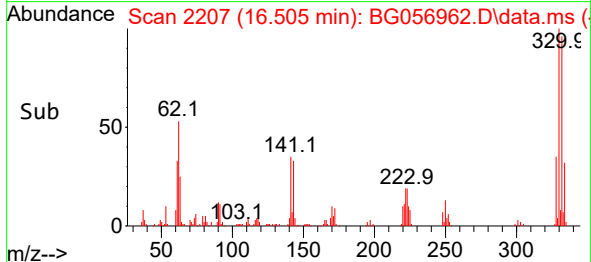
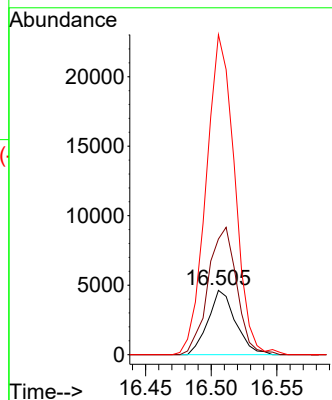
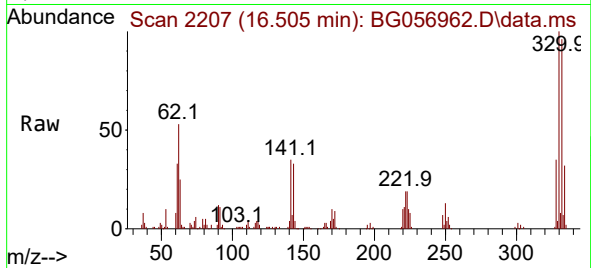




#67
4-Bromophenyl-phenylether
Concen: 4.043 ng
RT: 16.505 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

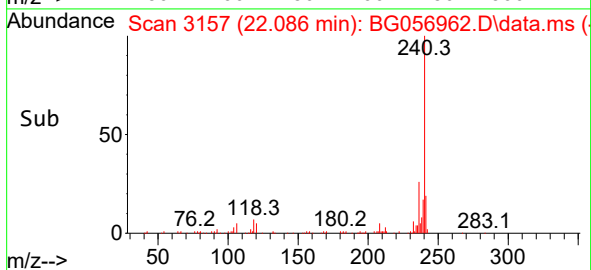
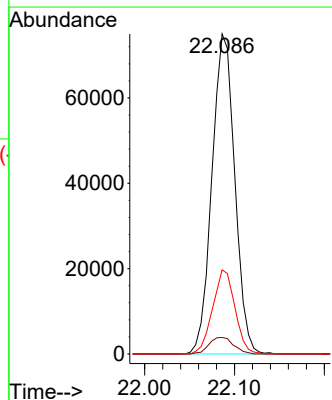
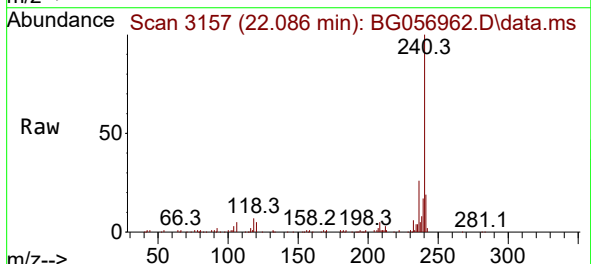
Instrument :
BNA_G
ClientSampleId :
PB151881BL

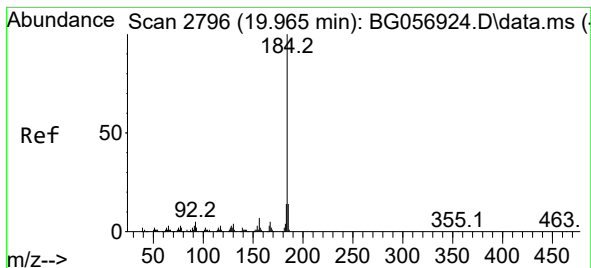
Tgt Ion:248 Resp: 6750
Ion Ratio Lower Upper
248 100
250 179.8 80.5 120.7#
141 497.1 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.086 min Scan# 3157
Delta R.T. -0.011 min
Lab File: BG056962.D
Acq: 4 Apr 2023 12:23

Tgt Ion:240 Resp: 132145
Ion Ratio Lower Upper
240 100
120 5.1 3.8 5.6
236 26.3 21.0 31.6





#77

Benzidine

Concen: 3.213 ng

RT: 20.336 min Scan# 2859

Delta R.T. 0.371 min

Lab File: BG056962.D

Acq: 4 Apr 2023 12:23

Instrument :

BNA_G

ClientSampleId :

PB151881BL

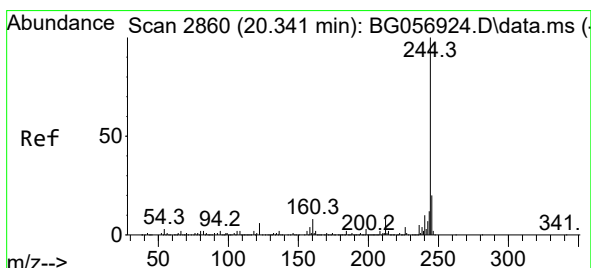
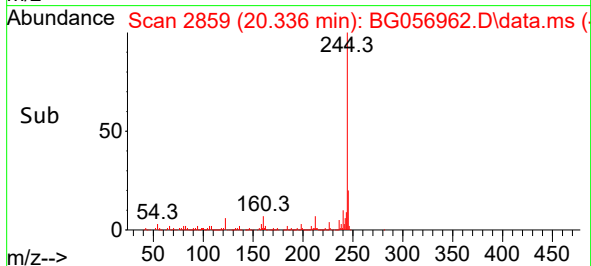
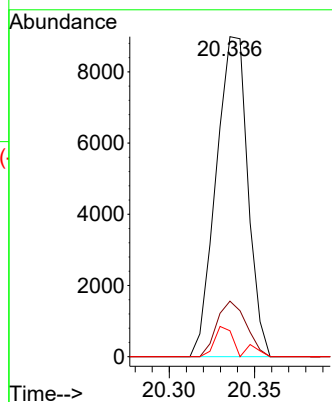
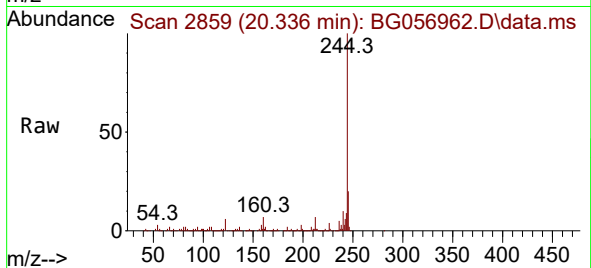
Tgt Ion:184 Resp: 11607

Ion Ratio Lower Upper

184 100

185 17.4 11.0 16.4#

183 8.1 11.4 17.0#



#79

Terphenyl-d14

Concen: 92.633 ng

RT: 20.336 min Scan# 2859

Delta R.T. -0.005 min

Lab File: BG056962.D

Acq: 4 Apr 2023 12:23

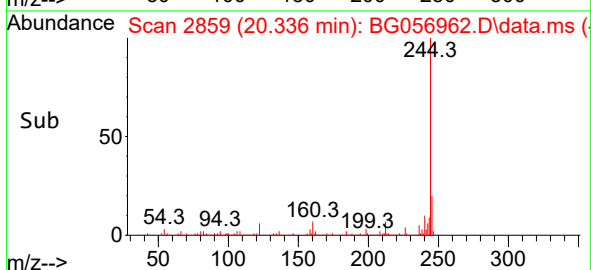
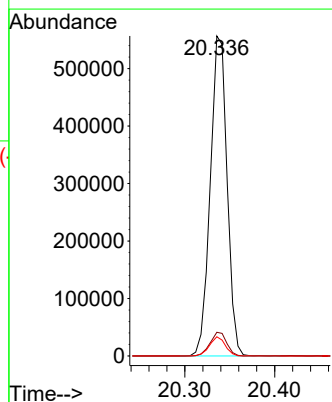
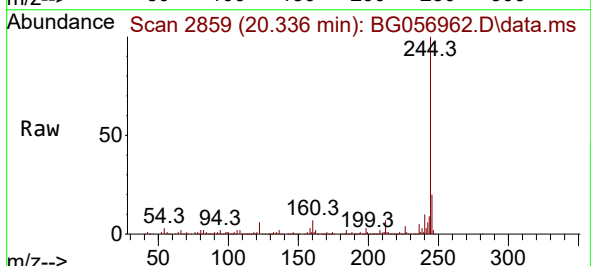
Tgt Ion:244 Resp: 723397

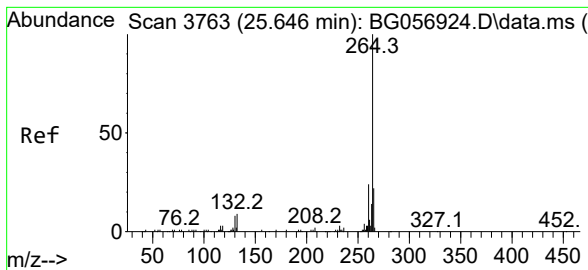
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.0 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.634 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG056962.D
 Acq: 4 Apr 2023 12:23

Instrument :
 BNA_G
 ClientSampleId :
 PB151881BL

Tgt Ion:264 Resp: 141402

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.9	17.8	26.6

