

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057068.D
 Acq On : 12 Apr 2023 17:53
 Operator : CG/JU
 Sample : 02292-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB1-041123

Quant Time: Apr 13 05:25:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

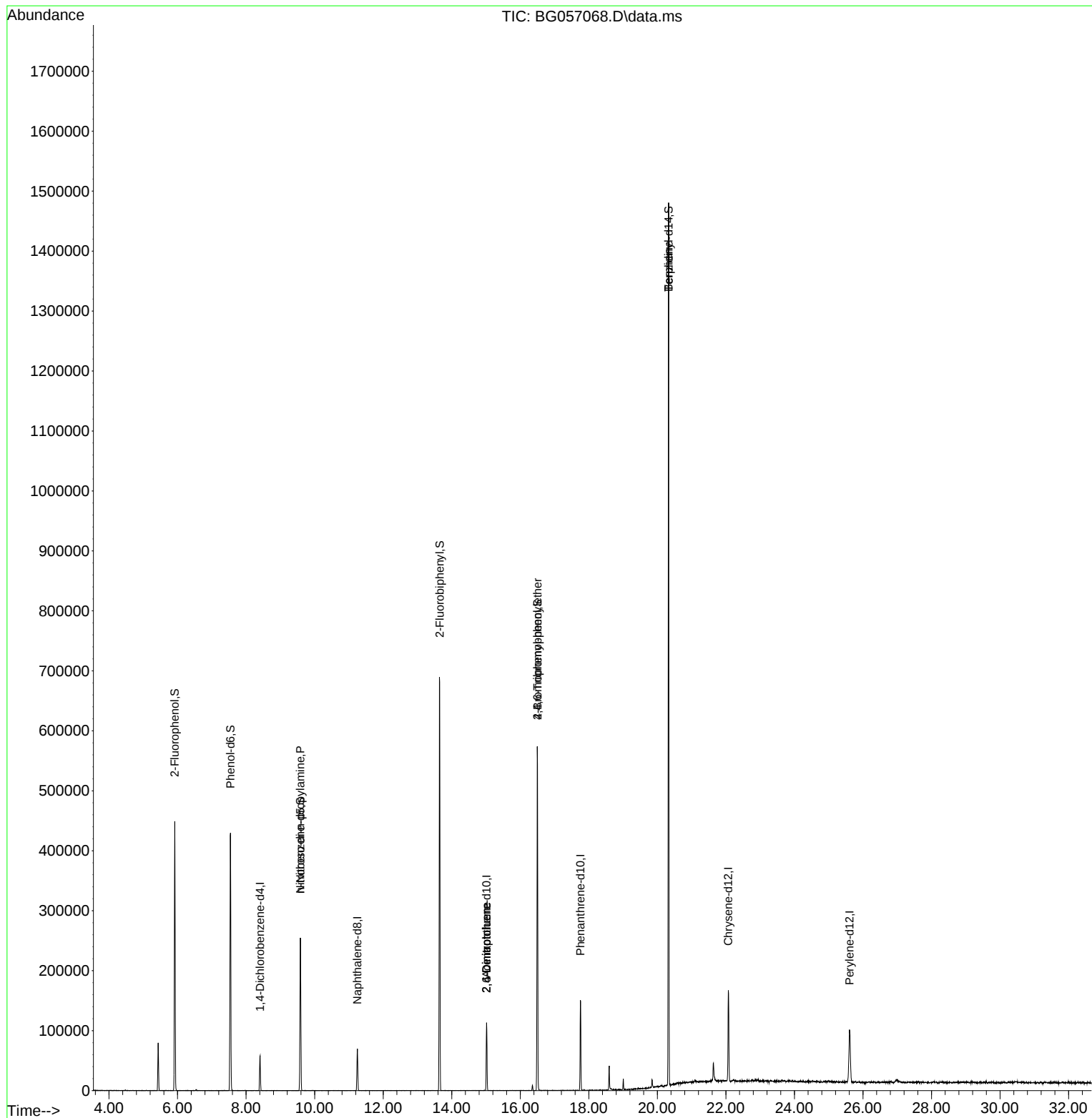
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	16189	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	58879	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	40445	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	102507	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	96760	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	104545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	184226	182.126	ng	0.00
7) Phenol-d6	7.544	99	249108	164.659	ng	0.00
23) Nitrobenzene-d5	9.583	82	162632	113.020	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	118965	184.122	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	358499	120.195	ng	0.00
79) Terphenyl-d14	20.327	244	707523	123.733	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.583	70	22775	21.047	ng	# 80
51) 2,6-Dinitrotoluene	15.011	165	5595	8.126	ng	# 18
57) 2,4-Dinitrotoluene	15.011	165	5595	5.761	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	7483	5.900	ng	# 1
77) Benzidine	20.327	184	11200	4.235	ng	# 91

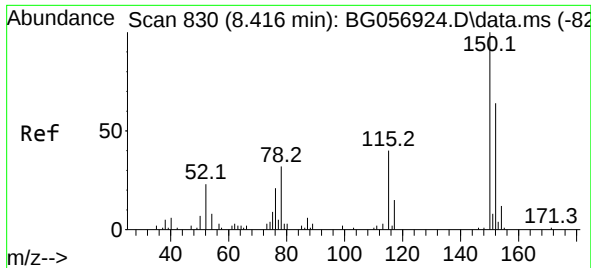
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057068.D
Acq On : 12 Apr 2023 17:53
Operator : CG/JU
Sample : 02292-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

Quant Time: Apr 13 05:25:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

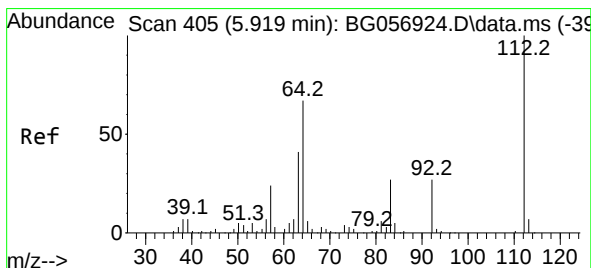
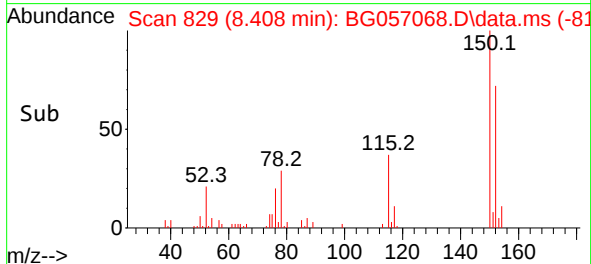
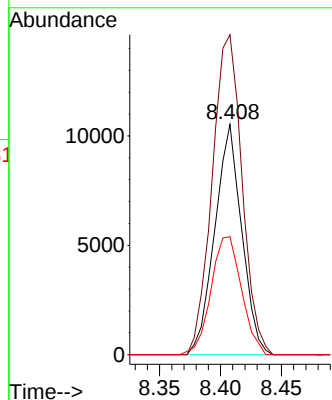
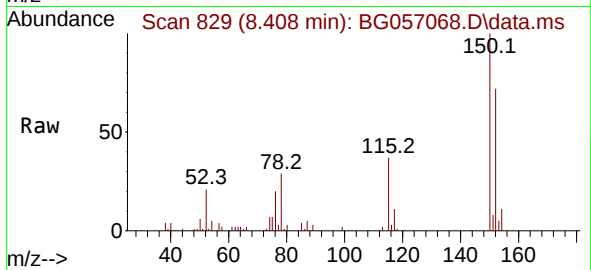




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

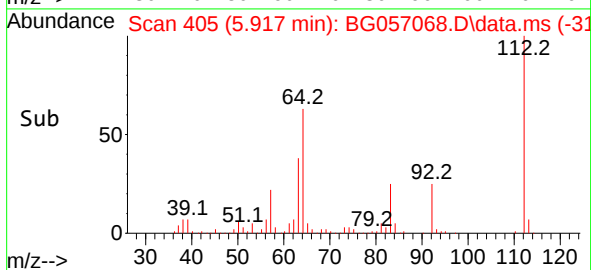
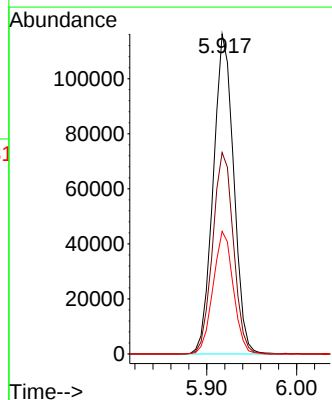
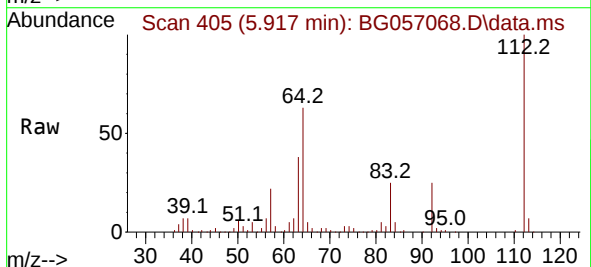
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

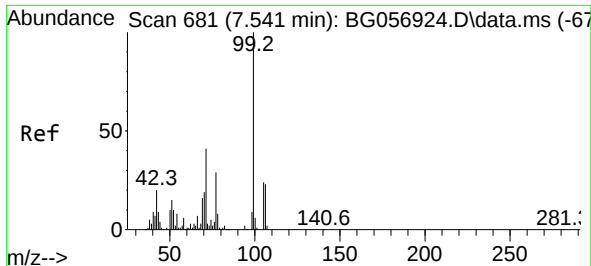
Tgt Ion:152 Resp: 16189
Ion Ratio Lower Upper
152 100
150 139.0 124.1 186.1
115 51.2 49.1 73.7



#5
2-Fluorophenol
Concen: 182.126 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion:112 Resp: 184226
Ion Ratio Lower Upper
112 100
64 62.9 53.2 79.8
63 38.3 32.6 48.8

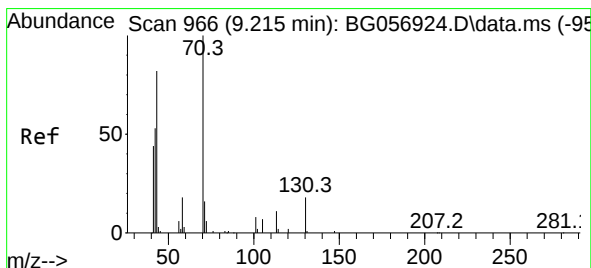
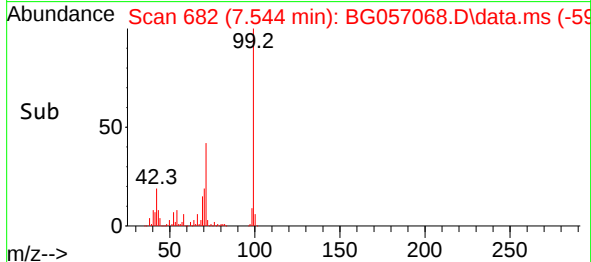
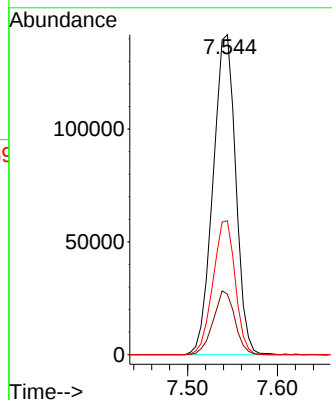
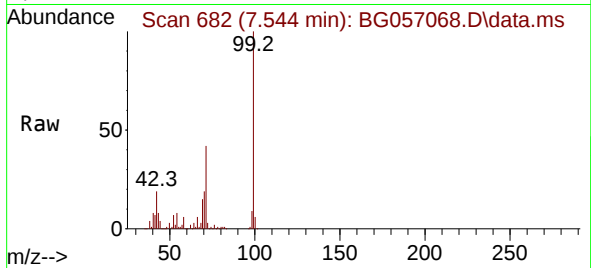




#7
Phenol-d6
Concen: 164.659 ng
RT: 7.544 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

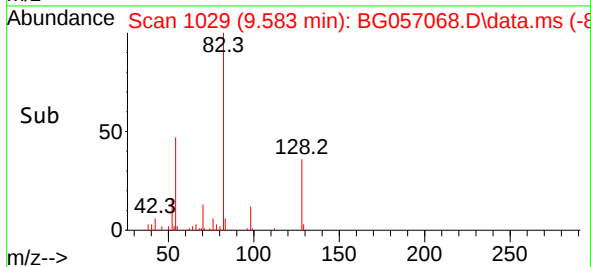
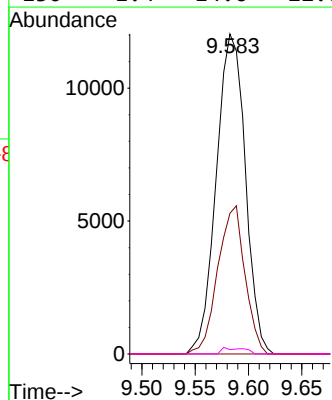
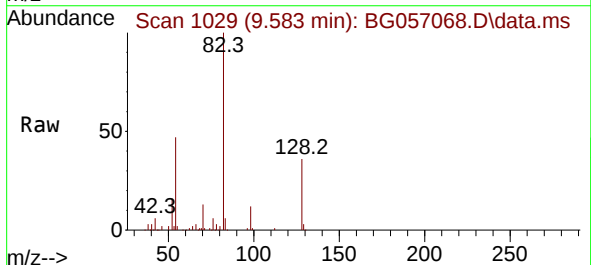
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

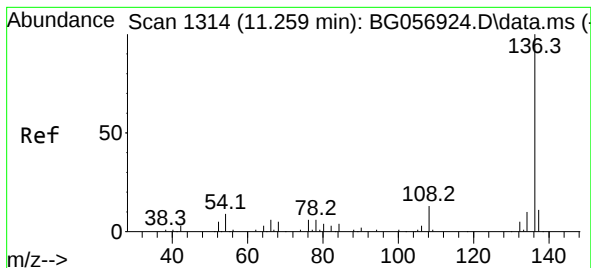
Tgt Ion: 99 Resp: 249108
Ion Ratio Lower Upper
99 100
42 18.9 15.7 23.5
71 41.9 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.047 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.373 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion: 70 Resp: 22775
Ion Ratio Lower Upper
70 100
42 44.0 43.4 65.0
101 0.0 6.2 9.2#
130 1.4 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057068.D

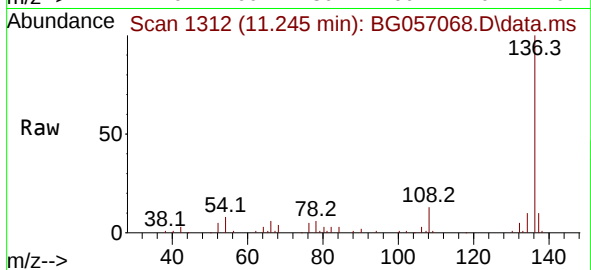
Acq: 12 Apr 2023 17:53

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB1-041123



Tgt Ion:136 Resp: 58879

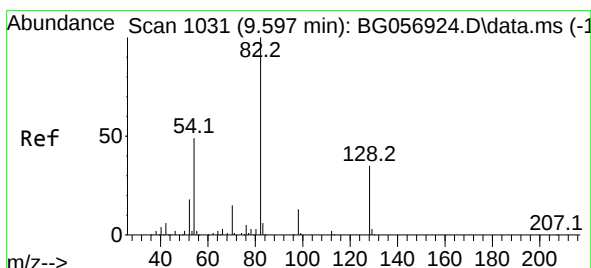
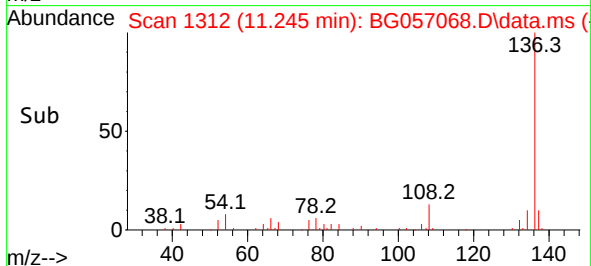
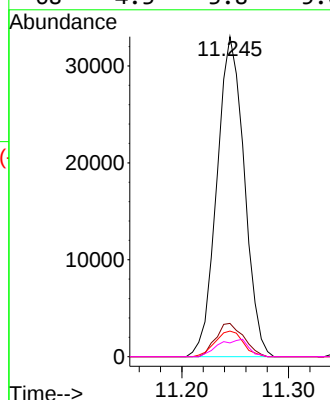
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 8.0 6.9 10.3

68 4.3 3.8 5.6



#23

Nitrobenzene-d5

Concen: 113.020 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057068.D

Acq: 12 Apr 2023 17:53

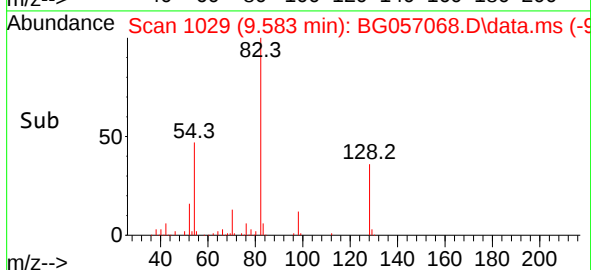
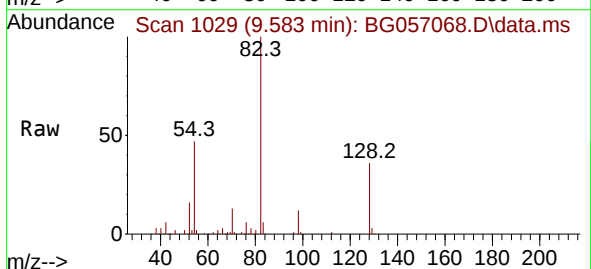
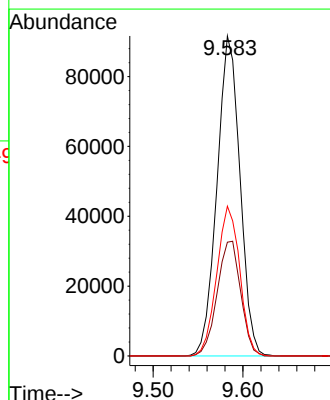
Tgt Ion: 82 Resp: 162632

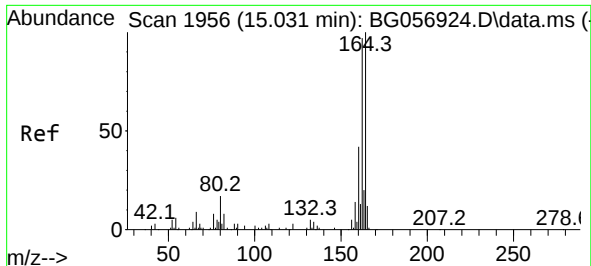
Ion Ratio Lower Upper

82 100

128 35.6 27.9 41.9

54 46.8 39.4 59.2

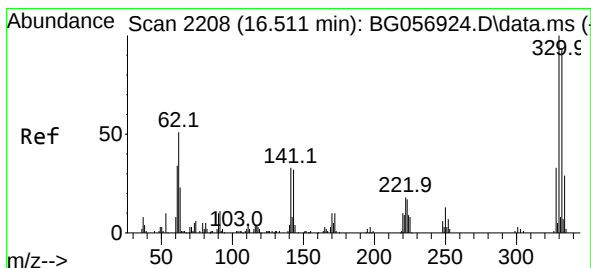
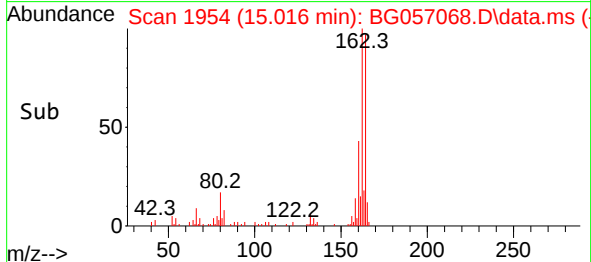
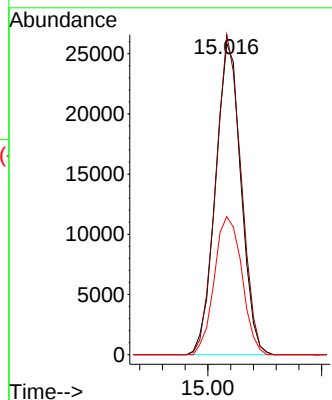
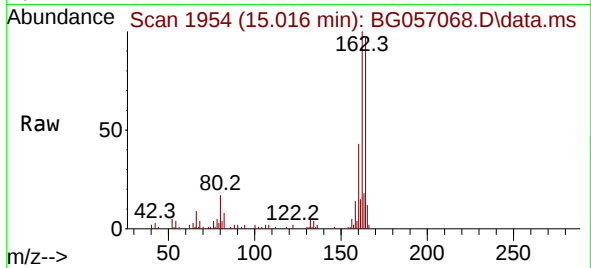




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

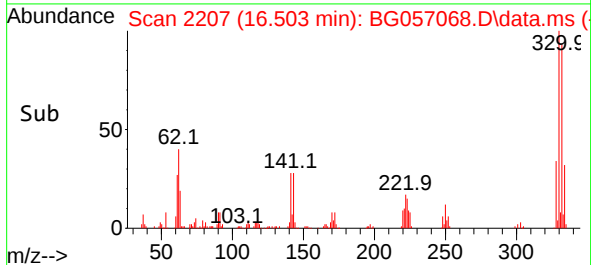
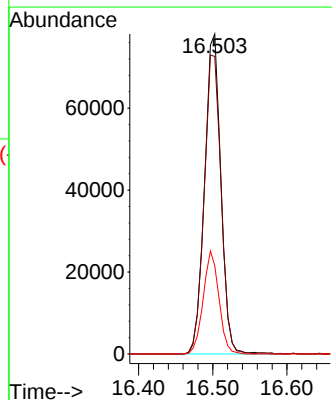
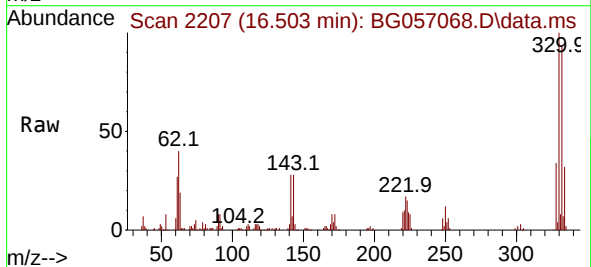
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

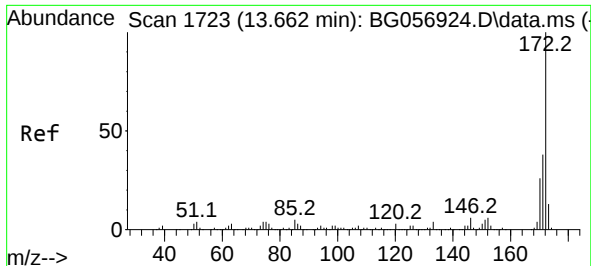
Tgt Ion:	164	Resp:	40445
Ion Ratio	Lower	Upper	
164	100		
162	102.8	77.8	116.8
160	44.3	33.5	50.3



#42
2,4,6-Tribromophenol
Concen: 184.122 ng
RT: 16.503 min Scan# 2207
Delta R.T. 0.002 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion:	330	Resp:	118965
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.1	114.1
141	31.0	25.8	38.6

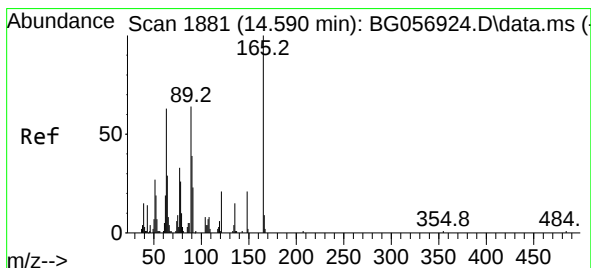
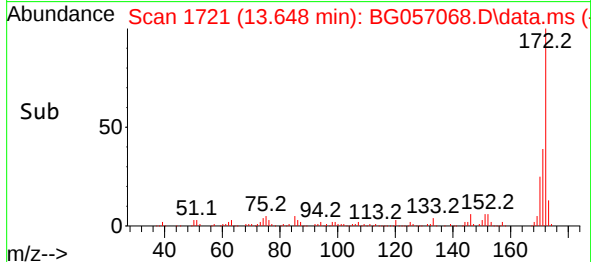
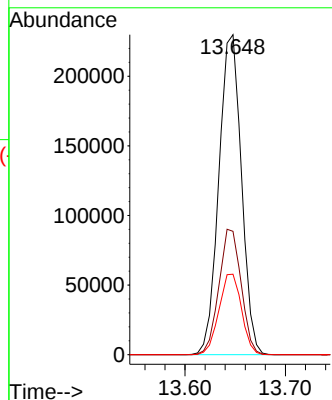
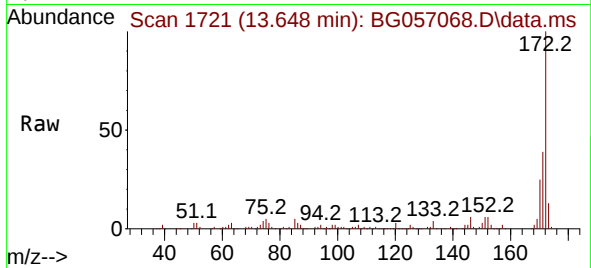




#45
2-Fluorobiphenyl
Concen: 120.195 ng
RT: 13.648 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

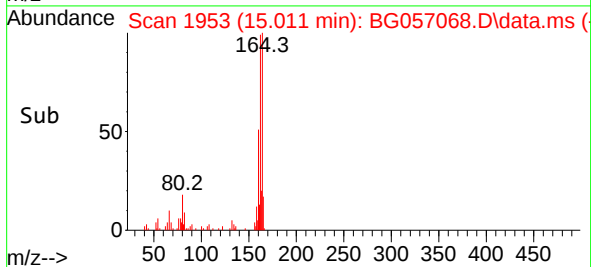
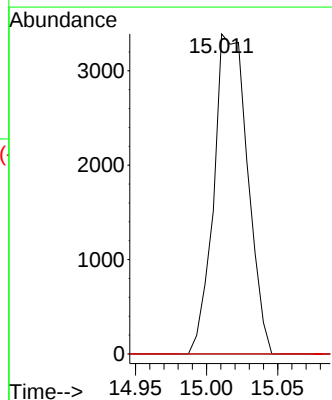
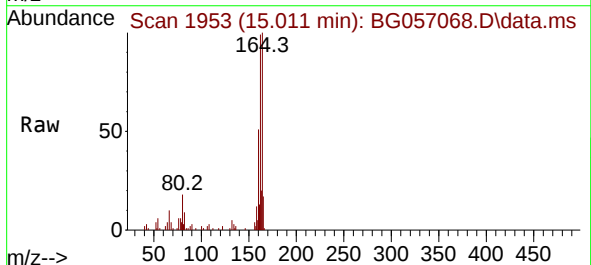
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

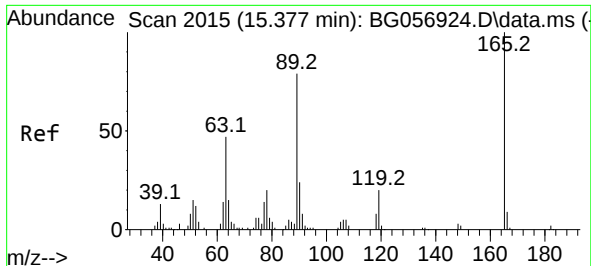
Tgt Ion:172 Resp: 358499
Ion Ratio Lower Upper
172 100
171 38.6 30.6 46.0
170 25.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 15.011 min Scan# 1953
Delta R.T. 0.425 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion:165 Resp: 5595
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: 5.761 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.356 min

Lab File: BG057068.D

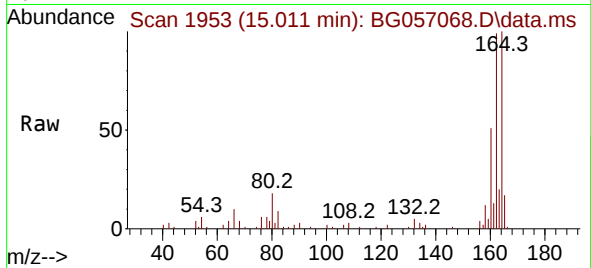
Acq: 12 Apr 2023 17:53

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB1-041123



Tgt Ion:165 Resp: 5595

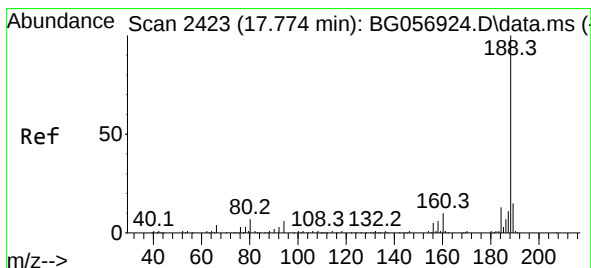
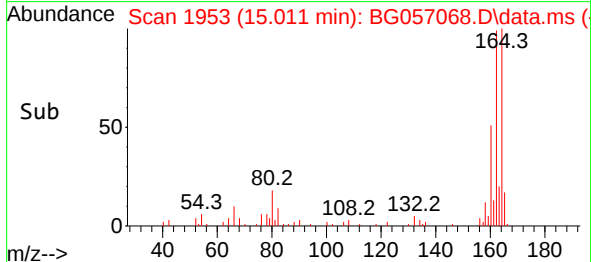
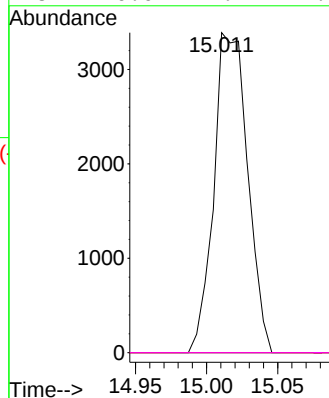
Ion Ratio Lower Upper

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: 17.754 min Scan# 2420

Delta R.T. -0.009 min

Lab File: BG057068.D

Acq: 12 Apr 2023 17:53

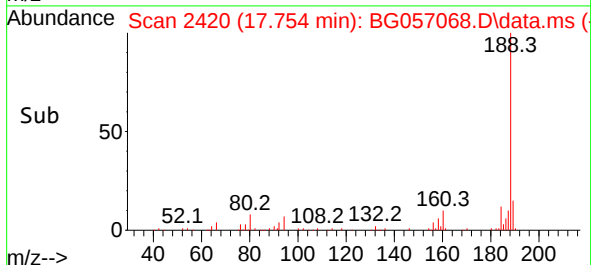
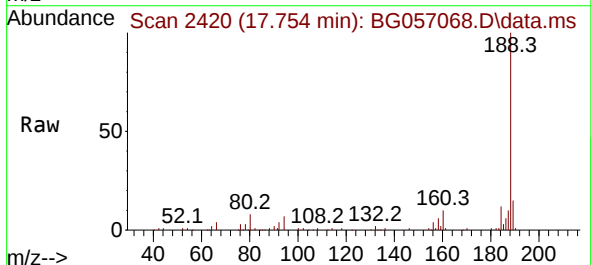
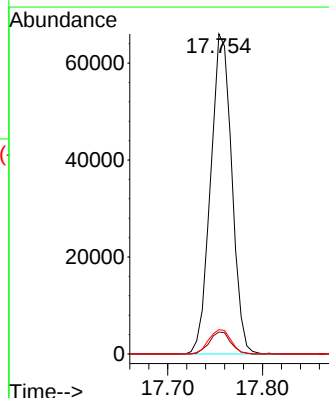
Tgt Ion:188 Resp: 102507

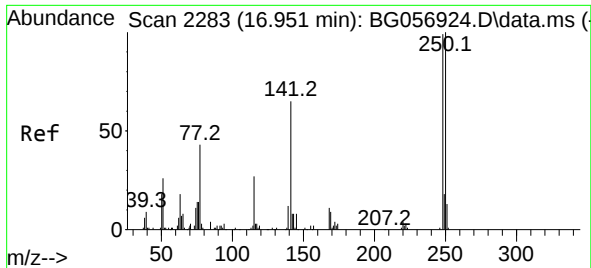
Ion Ratio Lower Upper

188 100

94 6.9 4.6 6.8#

80 7.6 5.5 8.3

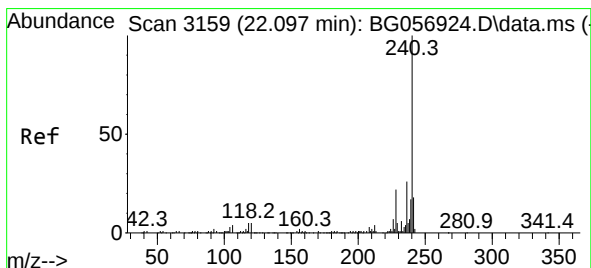
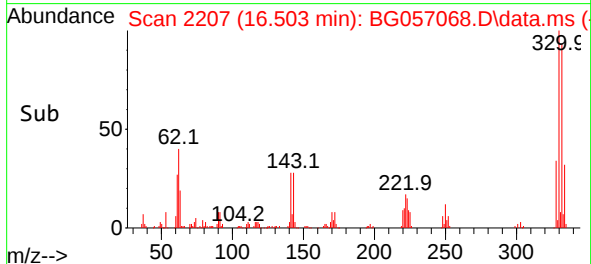
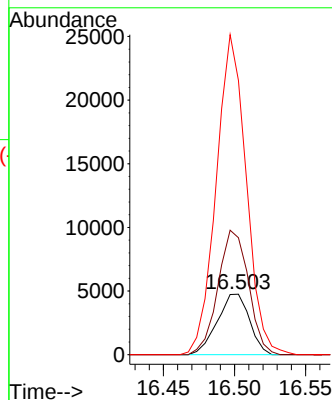
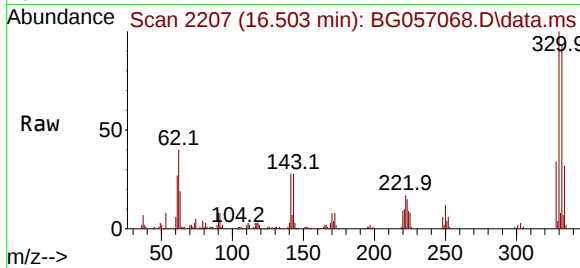




#67
4-Bromophenyl-phenylether
Concen: 5.900 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.432 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

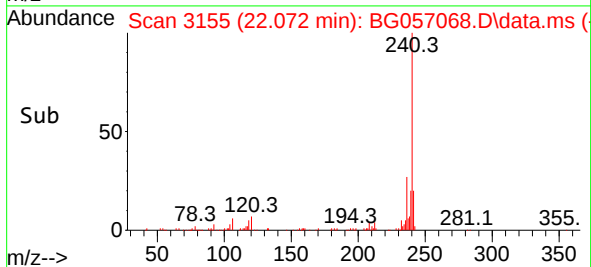
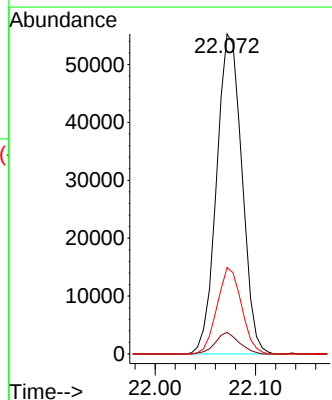
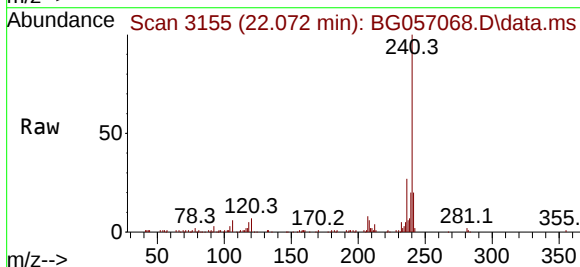
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

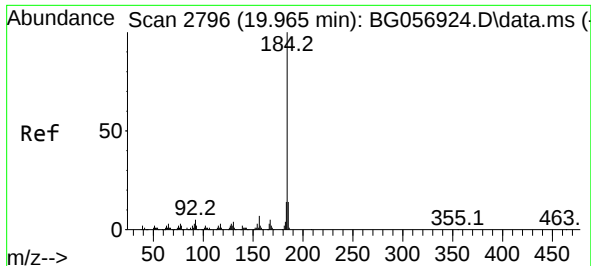
Tgt Ion:248 Resp: 7483
Ion Ratio Lower Upper
248 100
250 193.4 80.5 120.7#
141 453.1 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion:240 Resp: 96760
Ion Ratio Lower Upper
240 100
120 6.8 3.8 5.6#
236 27.0 21.0 31.6

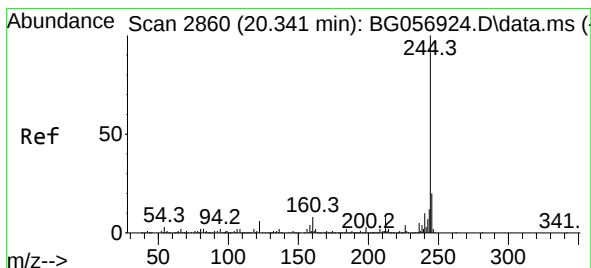
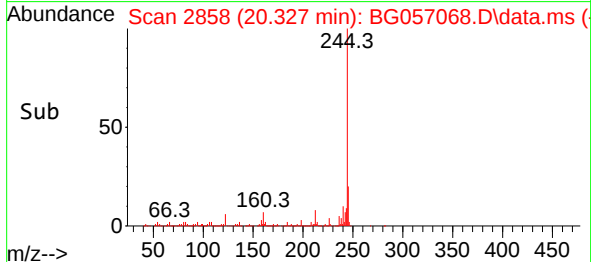
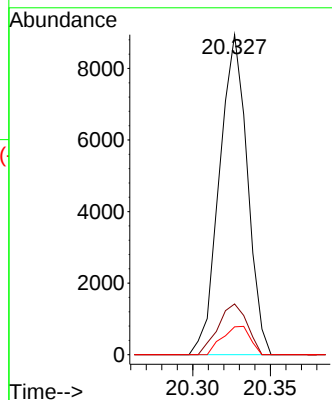
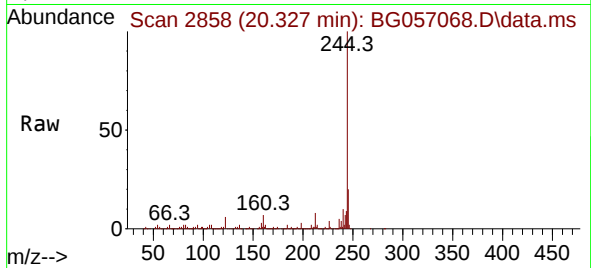




#77
Benzidine
Concen: 4.235 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.373 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

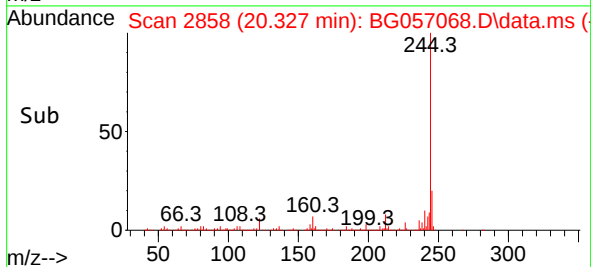
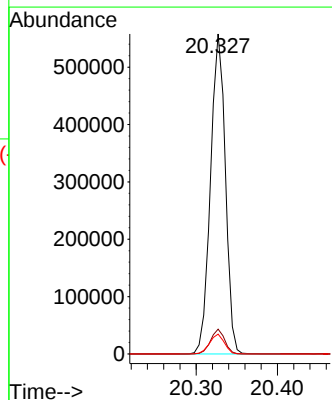
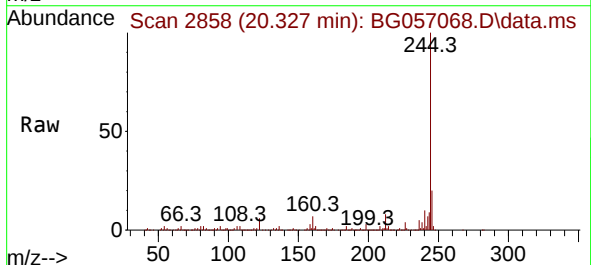
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB1-041123

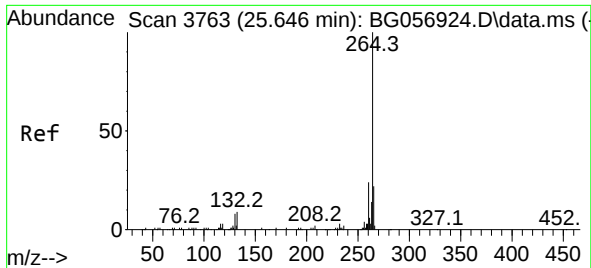
Tgt Ion:184 Resp: 11200
Ion Ratio Lower Upper
184 100
185 15.9 11.0 16.4
183 8.7 11.4 17.0#



#79
Terphenyl-d14
Concen: 123.733 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.002 min
Lab File: BG057068.D
Acq: 12 Apr 2023 17:53

Tgt Ion:244 Resp: 707523
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.608 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG057068.D
 Acq: 12 Apr 2023 17:53

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB1-041123

Tgt Ion:264	Resp:	104545
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.0 28.4
265	22.2	17.8 26.6

