

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057069.D
 Acq On : 12 Apr 2023 18:37
 Operator : CG/JU
 Sample : 02292-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G1-041123

Quant Time: Apr 13 05:26:11 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)

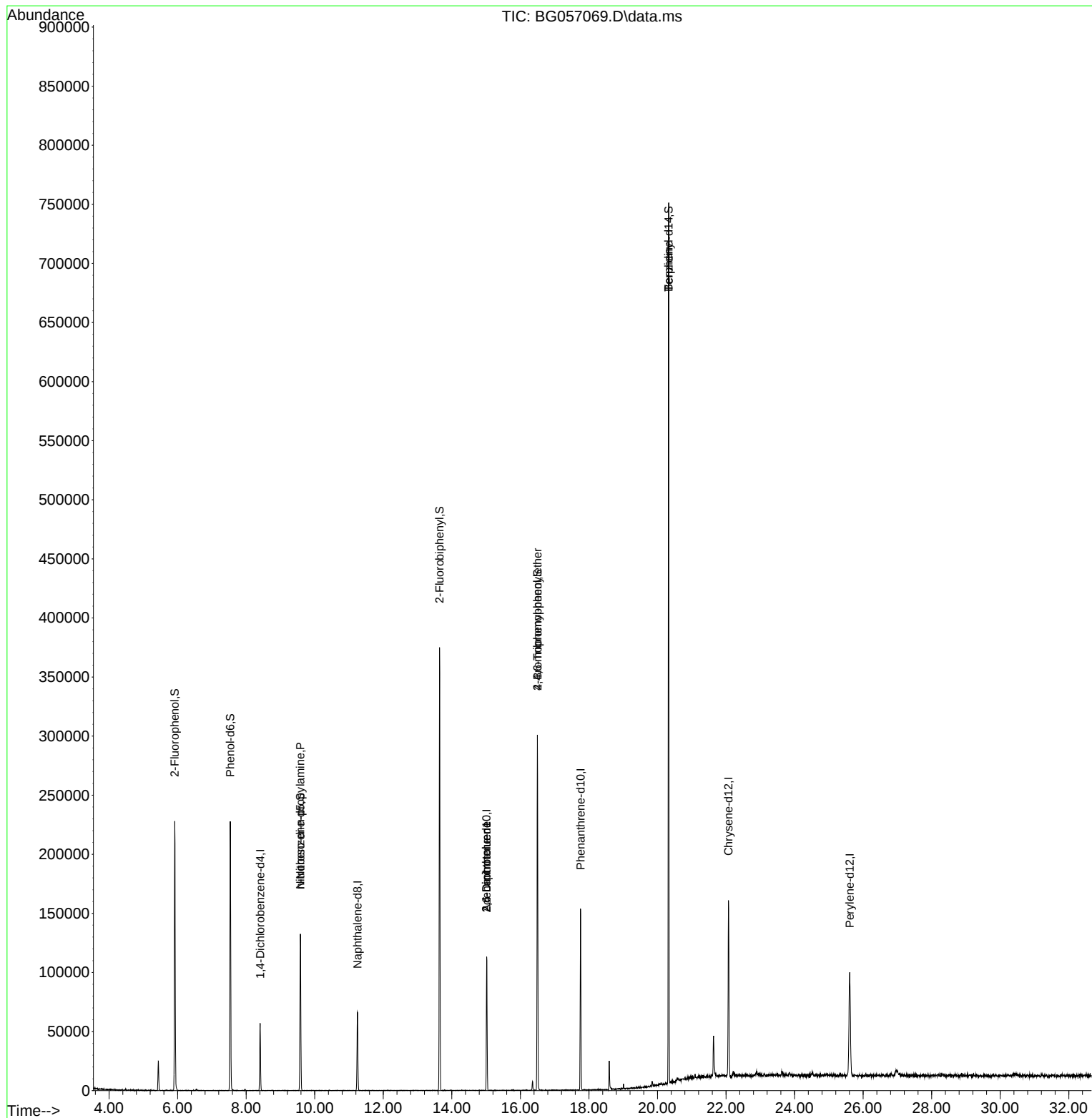
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	16205	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	58183	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	40342	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	99781	20.000	ng	0.00
76) Chrysene-d12	22.071	240	96031	20.000	ng	#-0.01
86) Perylene-d12	25.607	264	104011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	97528	96.321	ng	0.00
7) Phenol-d6	7.538	99	131507	86.840	ng	0.00
23) Nitrobenzene-d5	9.582	82	84390	59.348	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	61380	95.240	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	189730	63.774	ng	0.00
79) Terphenyl-d14	20.326	244	374408	65.974	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.582	70	11408	10.532	ng	# 79
51) 2,6-Dinitrotoluene	15.016	165	5275	7.681	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	5275	5.446	ng	# 18
67) 4-Bromophenyl-phenylether	16.496	248	3662	2.966	ng	# 1
77) Benzidine	20.326	184	6078	2.316	ng	# 89

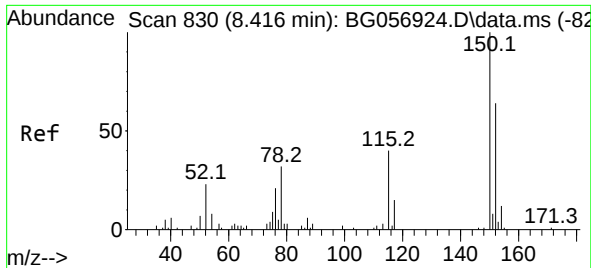
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

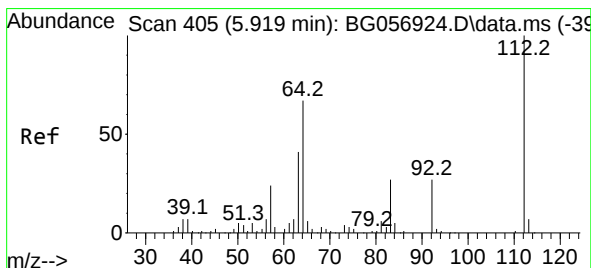
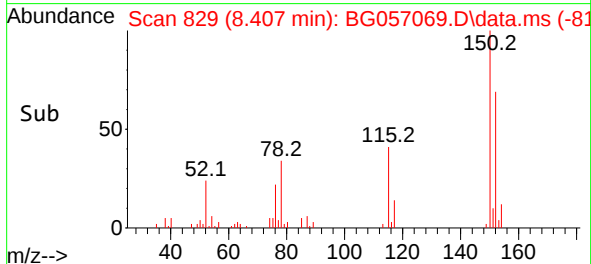
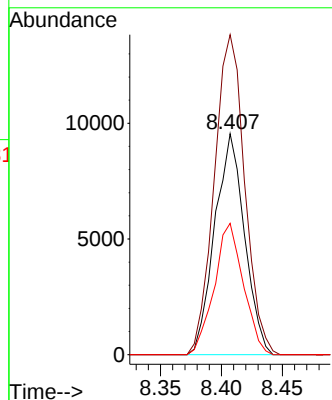
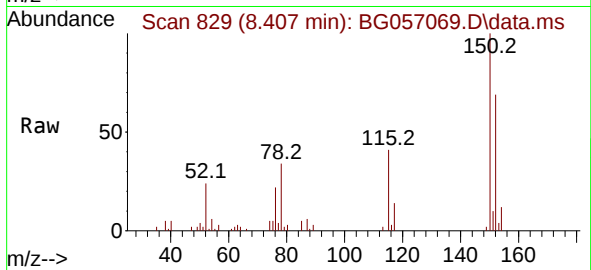




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

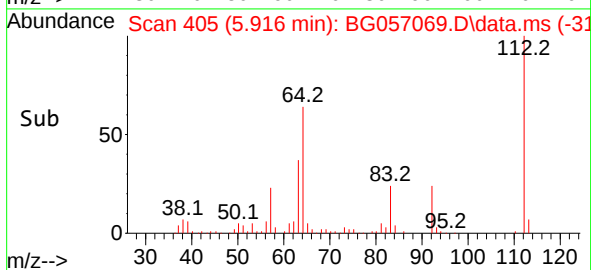
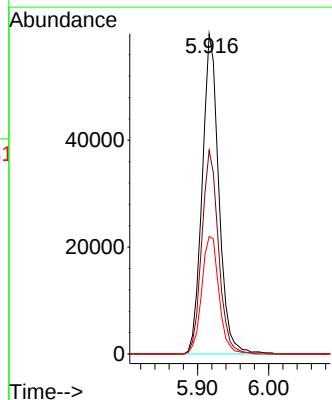
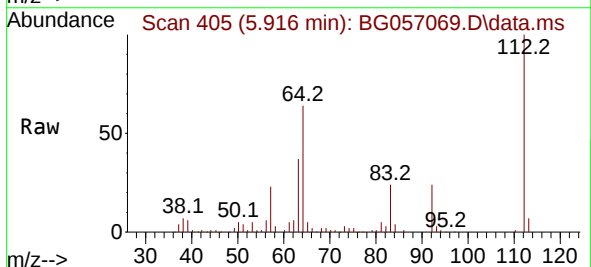
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

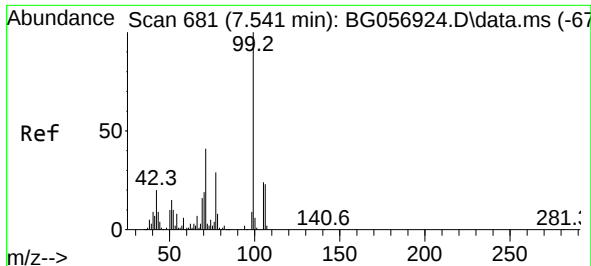
Tgt Ion:152 Resp: 16205
Ion Ratio Lower Upper
152 100
150 144.8 124.1 186.1
115 59.5 49.1 73.7



#5
2-Fluorophenol
Concen: 96.321 ng
RT: 5.916 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion:112 Resp: 97528
Ion Ratio Lower Upper
112 100
64 63.7 53.2 79.8
63 36.7 32.6 48.8

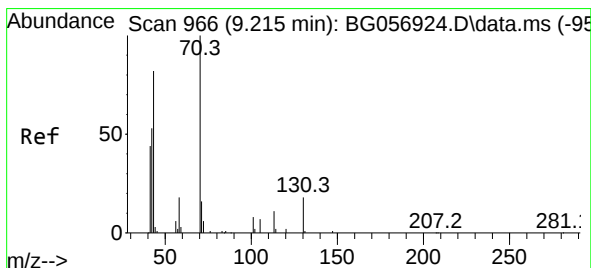
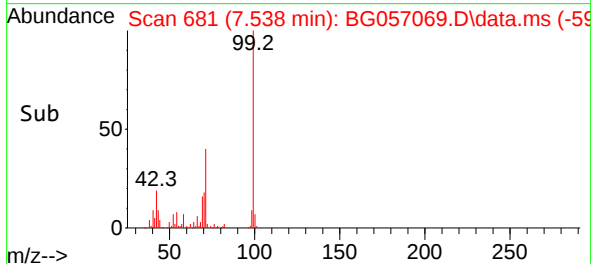
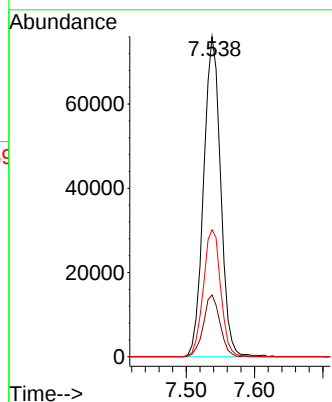
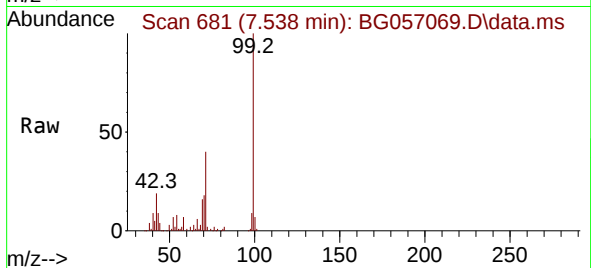




#7
Phenol-d6
Concen: 86.840 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

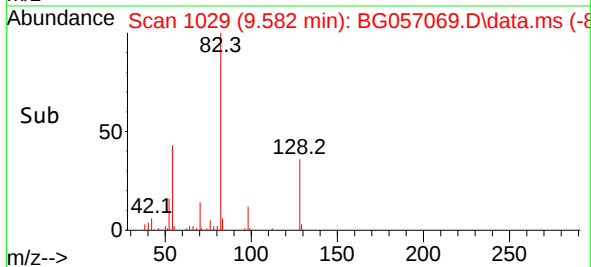
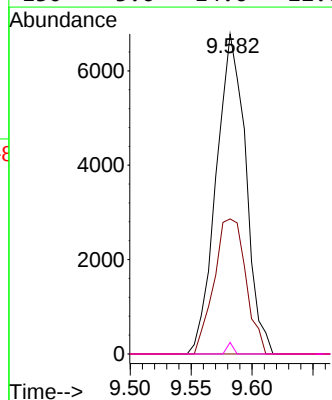
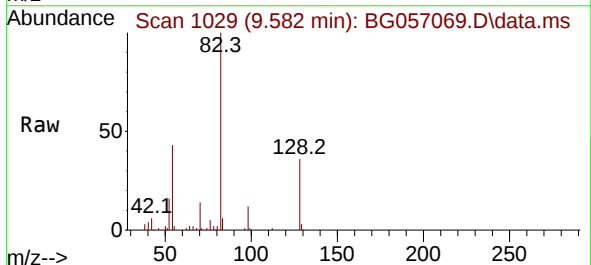
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

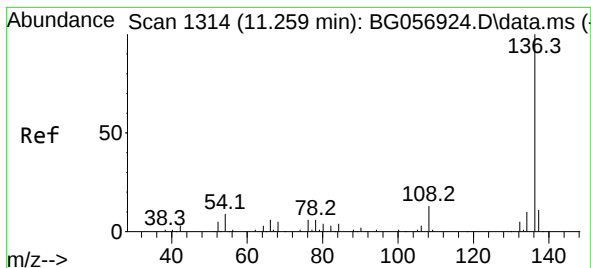
Tgt Ion: 99 Resp: 131507
Ion Ratio Lower Upper
99 100
42 19.3 15.7 23.5
71 39.6 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.532 ng
RT: 9.582 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion: 70 Resp: 11408
Ion Ratio Lower Upper
70 100
42 42.2 43.4 65.0#
101 0.0 6.2 9.2#
130 3.6 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.250 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG057069.D

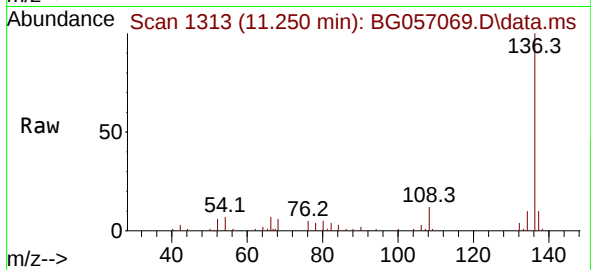
Acq: 12 Apr 2023 18:37

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123



Tgt Ion:136 Resp: 58183

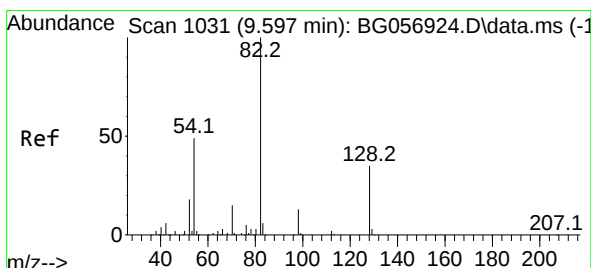
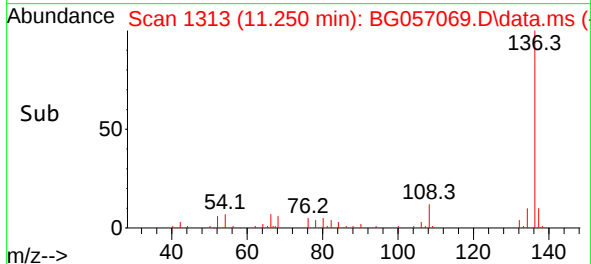
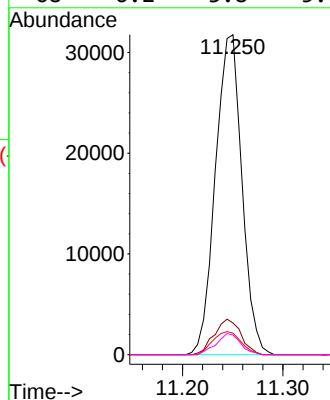
Ion Ratio Lower Upper

136 100

137 9.9 8.6 13.0

54 6.7 6.9 10.3#

68 6.2 3.8 5.6#



#23

Nitrobenzene-d5

Concen: 59.348 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057069.D

Acq: 12 Apr 2023 18:37

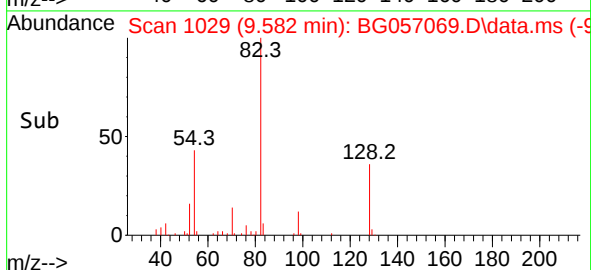
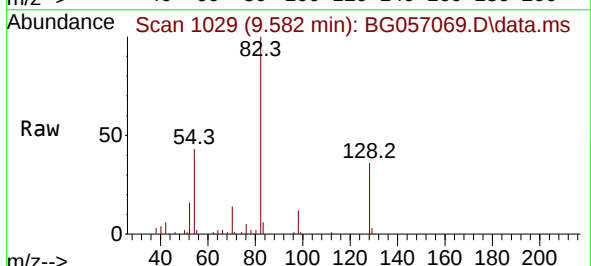
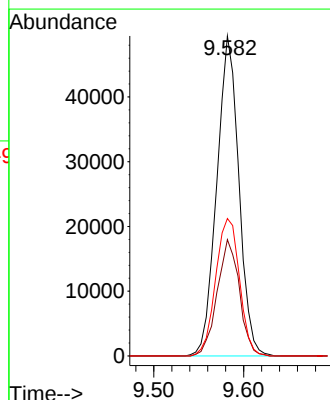
Tgt Ion: 82 Resp: 84390

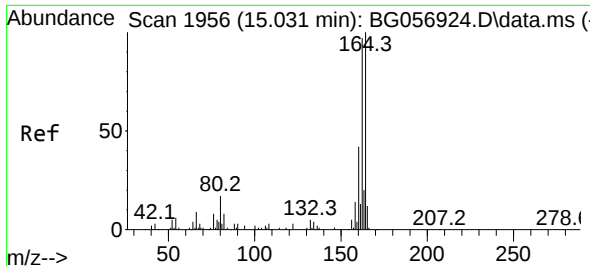
Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

54 42.9 39.4 59.2

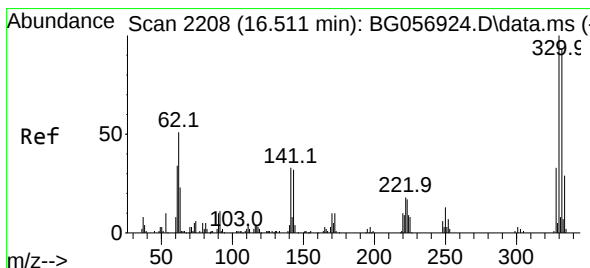
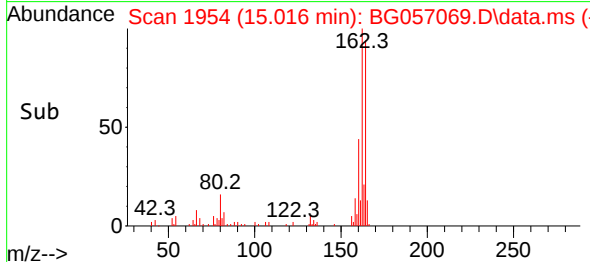
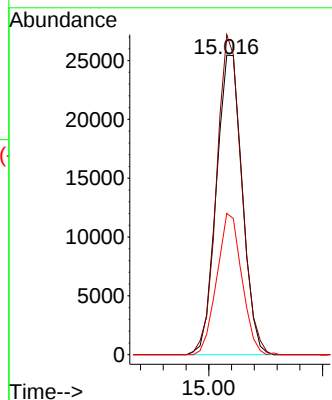
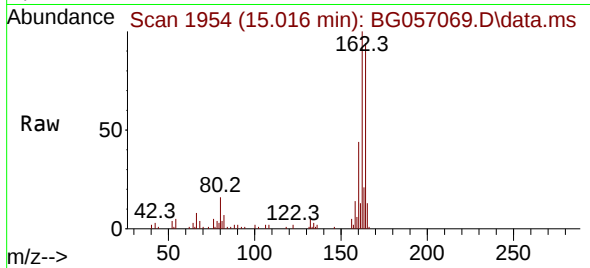




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

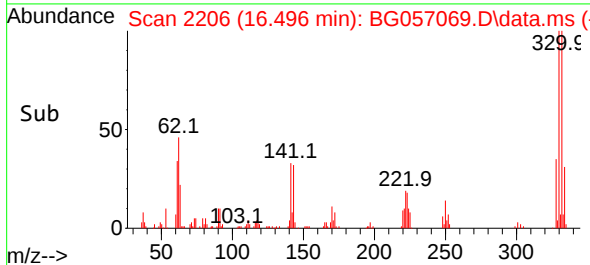
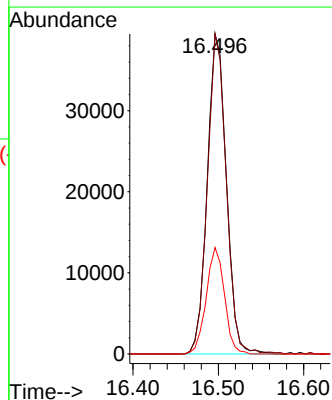
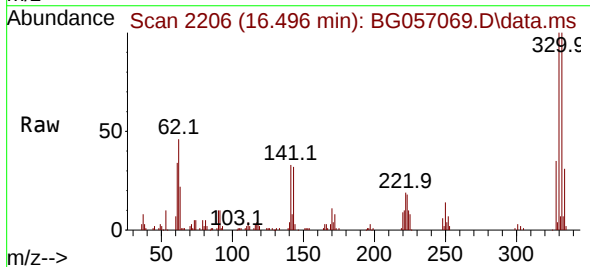
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

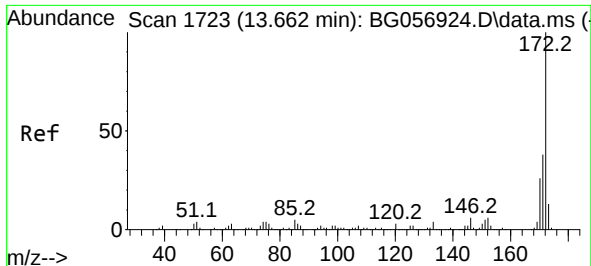
Tgt Ion:164 Resp: 40342
Ion Ratio Lower Upper
164 100
162 106.9 77.8 116.8
160 47.2 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 95.240 ng
RT: 16.496 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion:330 Resp: 61380
Ion Ratio Lower Upper
330 100
332 98.5 76.1 114.1
141 31.7 25.8 38.6

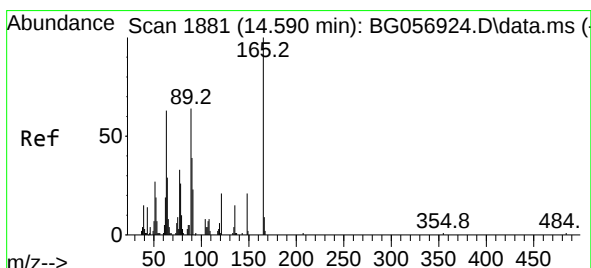
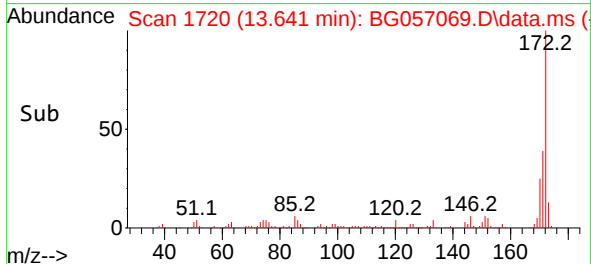
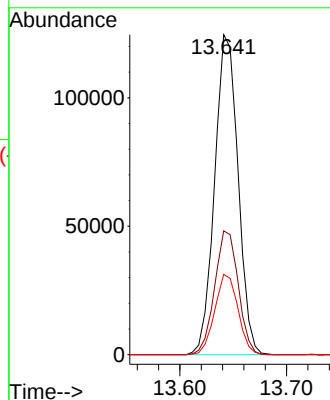
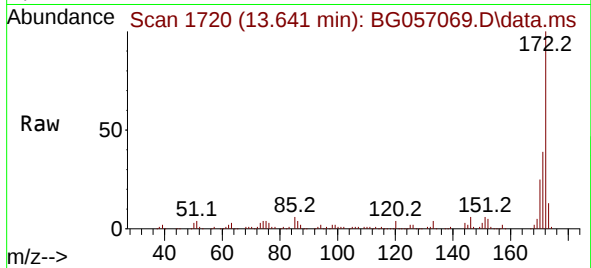




#45
2-Fluorobiphenyl
Concen: 63.774 ng
RT: 13.641 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

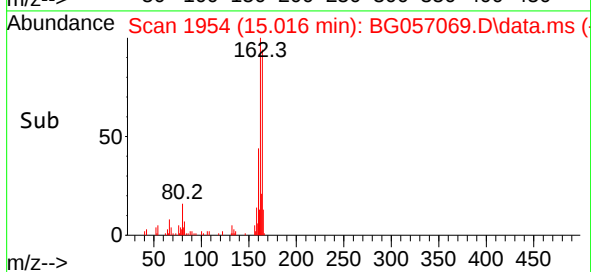
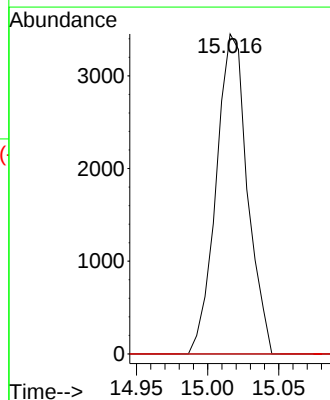
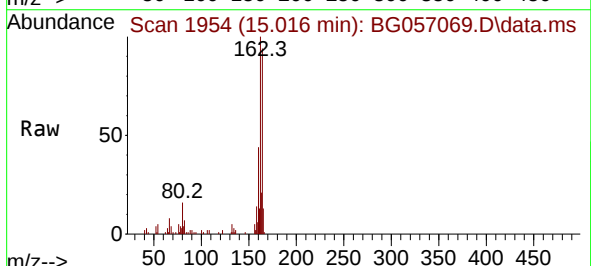
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ClientSampleId :
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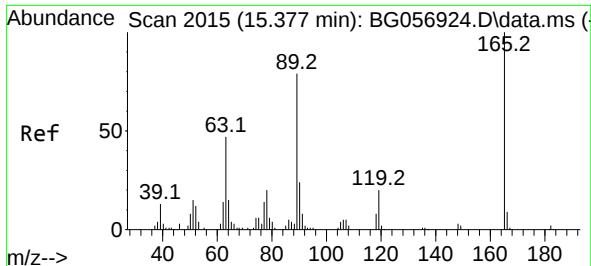
Tgt Ion:172 Resp: 189730
Ion Ratio Lower Upper
172 100
171 38.7 30.6 46.0
170 25.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.681 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion:165 Resp: 5275
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: 5.446 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057069.D

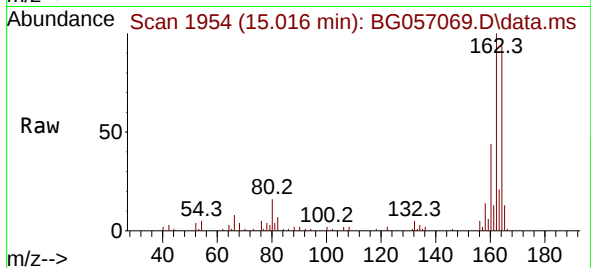
Acq: 12 Apr 2023 18:37

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123



Tgt Ion:165 Resp: 5275

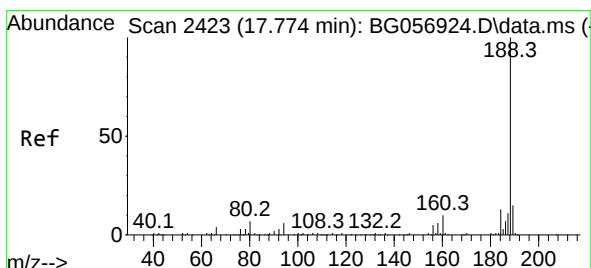
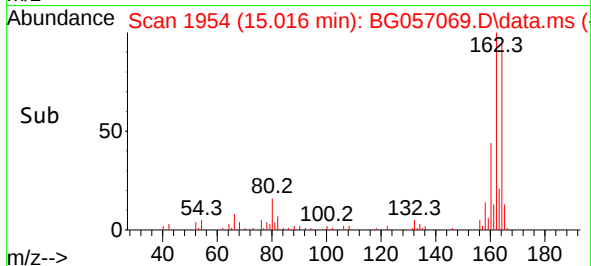
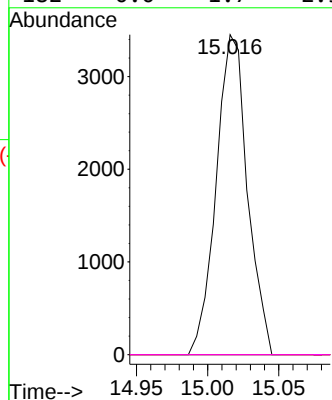
Ion Ratio Lower Upper

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: 17.759 min Scan# 2421

Delta R.T. -0.004 min

Lab File: BG057069.D

Acq: 12 Apr 2023 18:37

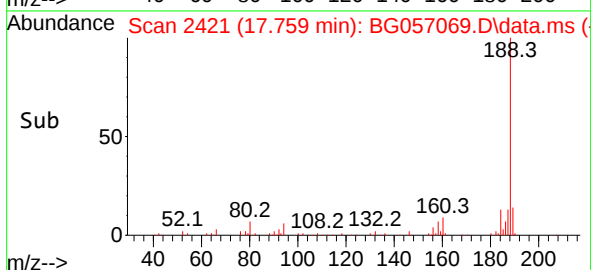
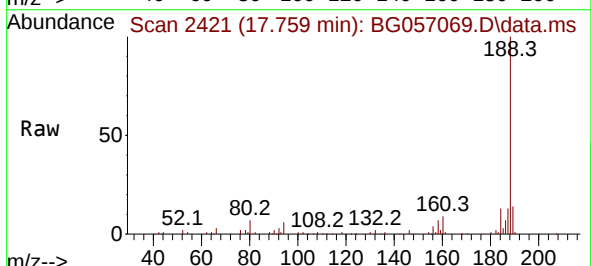
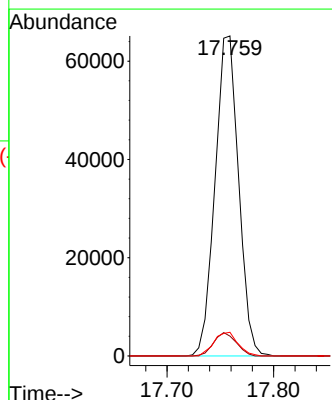
Tgt Ion:188 Resp: 99781

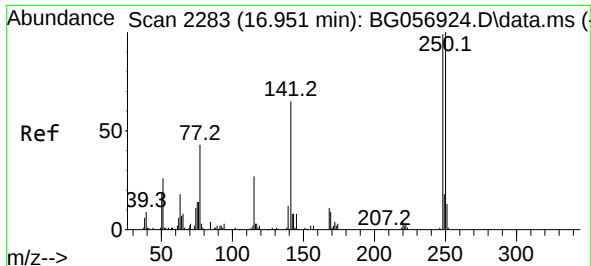
Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.4 5.5 8.3

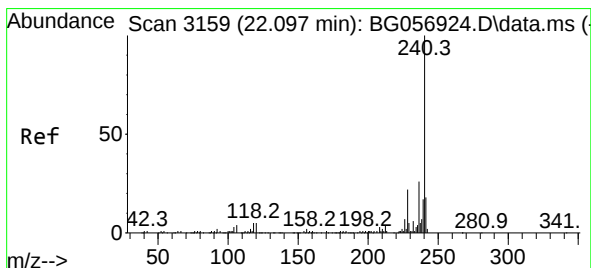
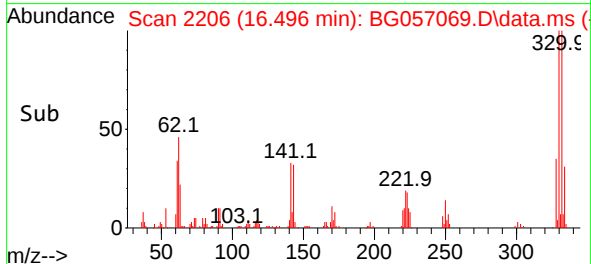
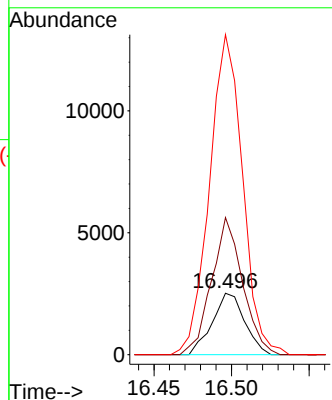
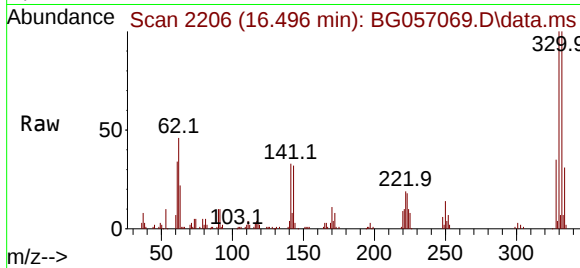




#67
4-Bromophenyl-phenylether
Concen: 2.966 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

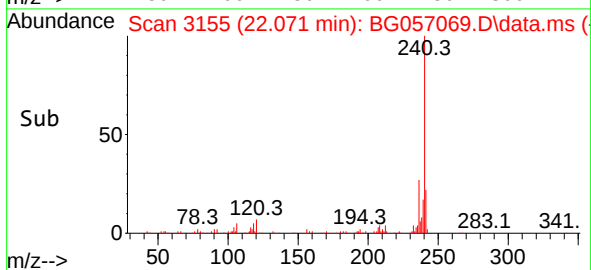
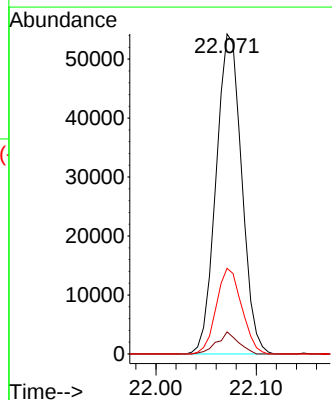
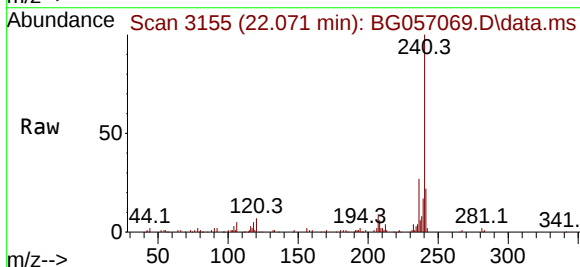
Instrument :
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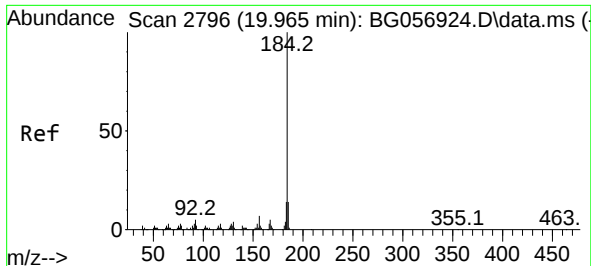
Tgt Ion:248 Resp: 3662
Ion Ratio Lower Upper
248 100
250 222.9 80.5 120.7#
141 520.3 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion:240 Resp: 96031
Ion Ratio Lower Upper
240 100
120 6.9 3.8 5.6#
236 26.7 21.0 31.6

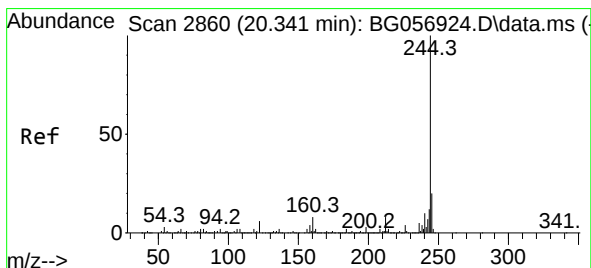
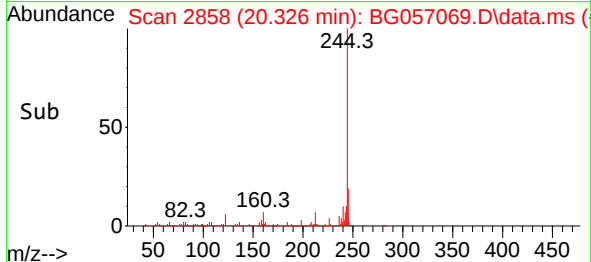
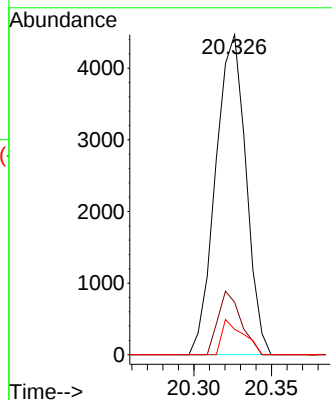
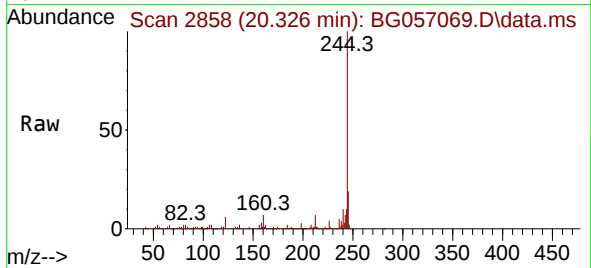




#77
Benzidine
Concen: 2.316 ng
RT: 20.326 min Scan# 2858
Delta R.T. 0.372 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

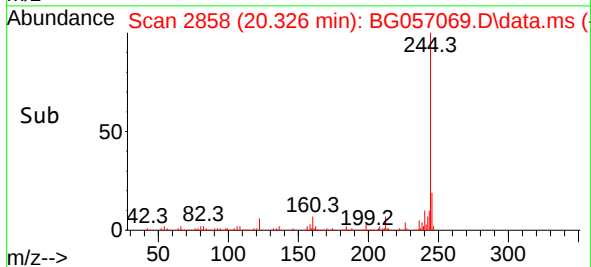
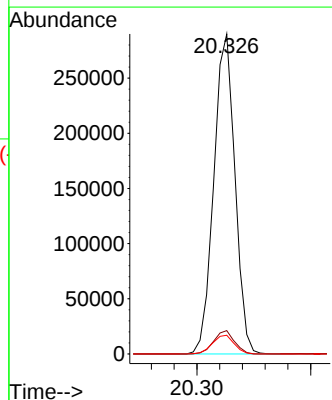
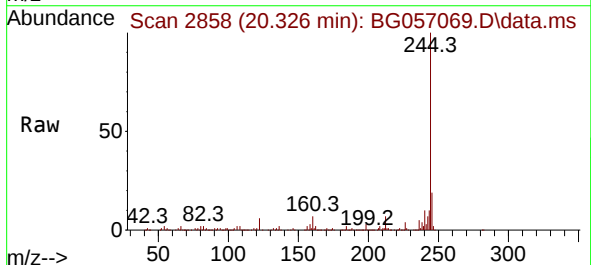
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

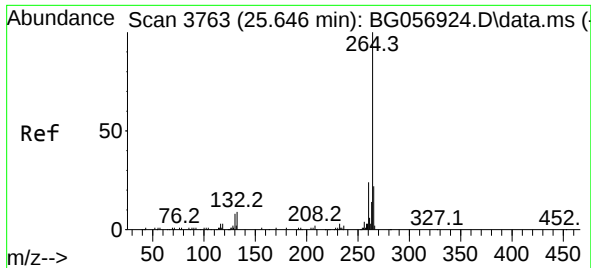
Tgt Ion:184 Resp: 6078
Ion Ratio Lower Upper
184 100
185 16.4 11.0 16.4
183 7.9 11.4 17.0#



#79
Terphenyl-d14
Concen: 65.974 ng
RT: 20.326 min Scan# 2858
Delta R.T. 0.002 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Tgt Ion:244 Resp: 374408
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 5.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.607 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG057069.D
Acq: 12 Apr 2023 18:37

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

Tgt Ion:264	Resp:	104011
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.0 28.4
265	21.3	17.8 26.6

