

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059971.D
 Acq On : 6 Dec 2023 15:58
 Operator : MA/JU
 Sample : 05602-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-3

Quant Time: Dec 06 23:16:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

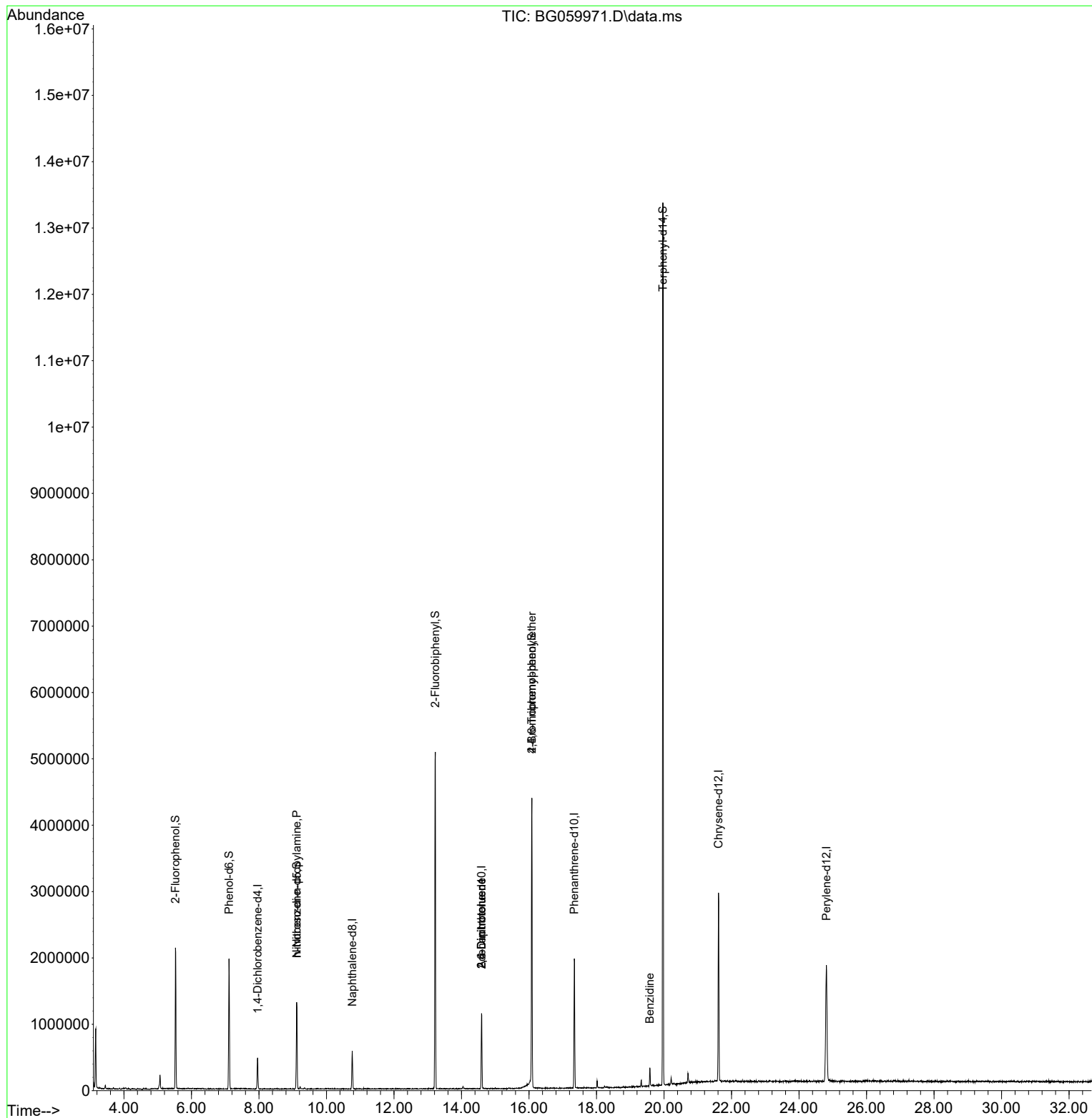
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	126008	20.000	ng	# 0.00
21) Naphthalene-d8	10.762	136	427884	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	415104	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	1427207	20.000	ng	# 0.00
76) Chrysene-d12	21.614	240	1925998	20.000	ng	# 0.00
86) Perylene-d12	24.810	264	2287403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	829377	132.246	ng	0.00
7) Phenol-d6	7.113	99	986067	99.758	ng	0.00
23) Nitrobenzene-d5	9.116	82	793403	66.284	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	1082000	81.015	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2748562	72.218	ng	0.00
79) Terphenyl-d14	19.968	244	6207226	55.559	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.116	70	120395	16.253	ng	# 80
51) 2,6-Dinitrotoluene	14.592	165	59581	7.696	ng	# 19
57) 2,4-Dinitrotoluene	14.592	165	59581	5.533	ng	# 23
67) 4-Bromophenyl-phenylether	16.085	248	59985	2.453	ng	# 1
77) Benzidine	19.581	184	202272	12.461	ng	97

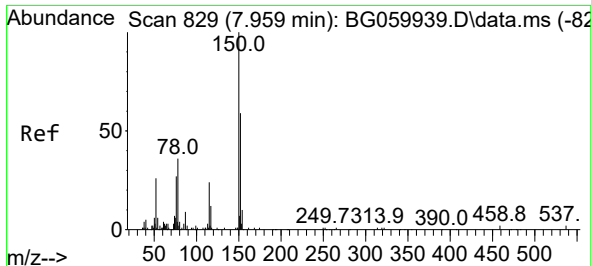
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059971.D
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SPRING-VALLEY-TP-3

Quant Time: Dec 06 23:16:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

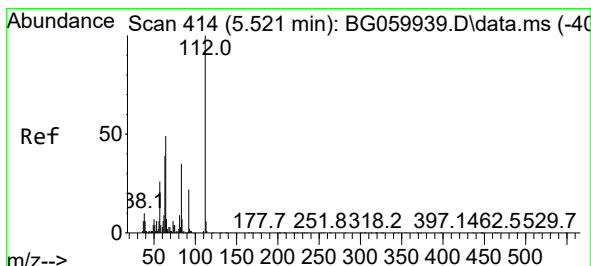
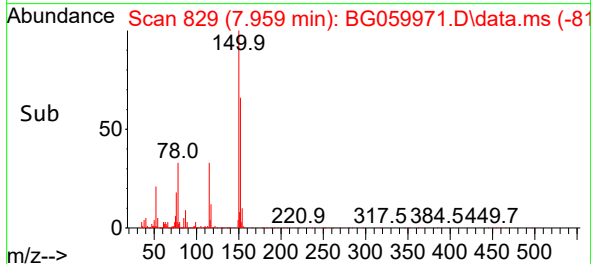
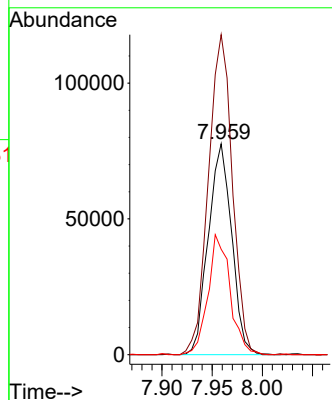
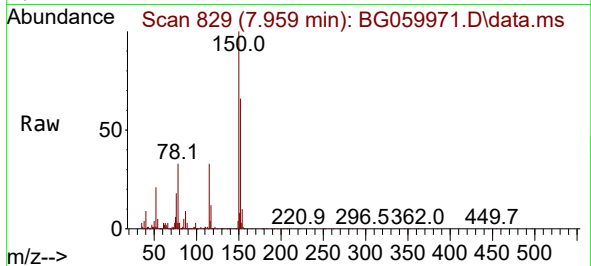




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

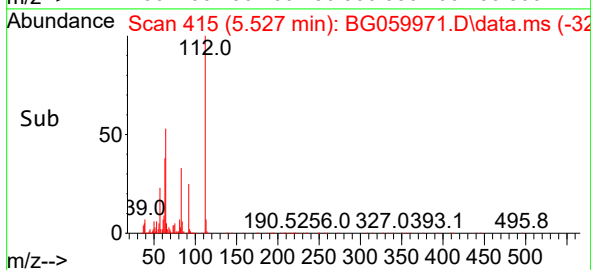
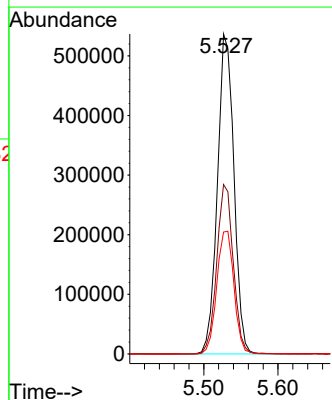
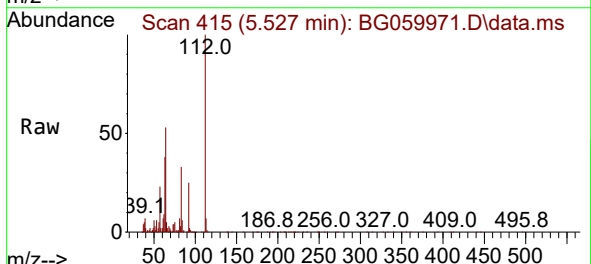
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-3

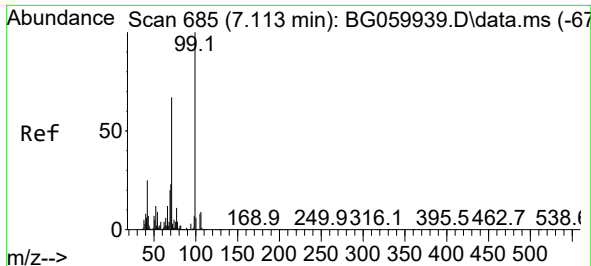
Tgt Ion:152 Resp: 126008
Ion Ratio Lower Upper
152 100
150 151.7 136.9 205.3
115 50.0 32.9 49.3#



#5
2-Fluorophenol
Concen: 132.246 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.006 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

Tgt Ion:112 Resp: 829377
Ion Ratio Lower Upper
112 100
64 53.0 39.4 59.0
63 38.1 31.2 46.8

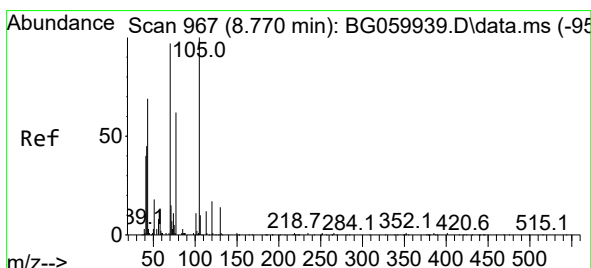
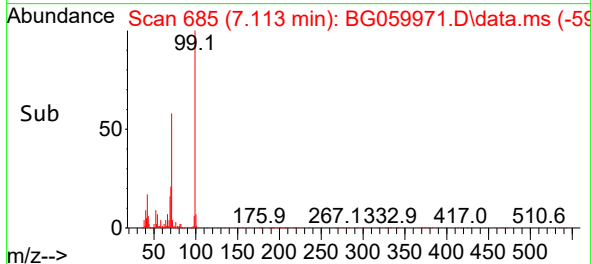
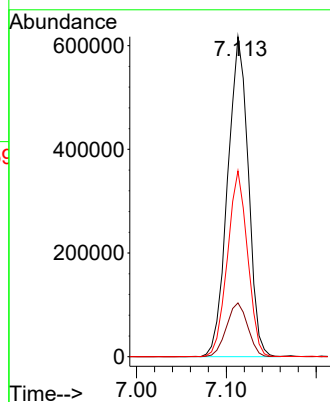
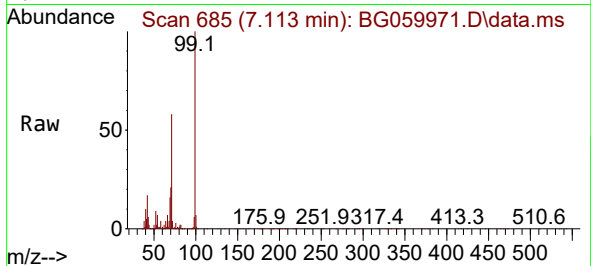




#7
Phenol-d6
Concen: 99.758 ng
RT: 7.113 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

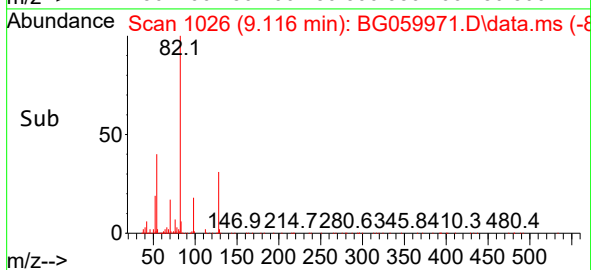
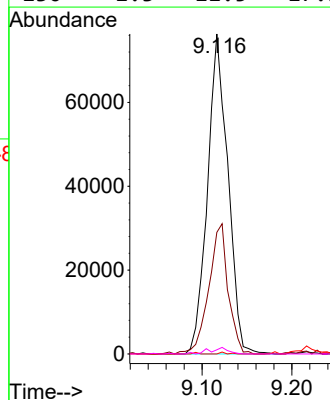
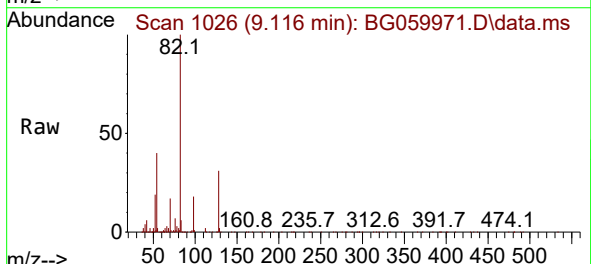
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-3

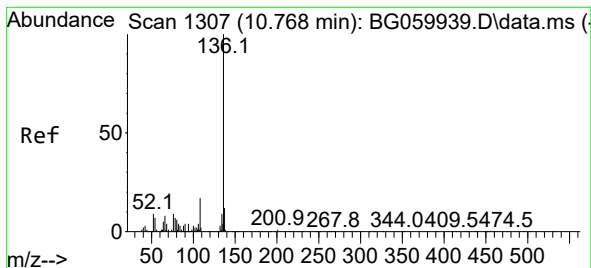
Tgt Ion: 99 Resp: 986067
Ion Ratio Lower Upper
99 100
42 16.8 20.1 30.1#
71 58.0 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.253 ng
RT: 9.116 min Scan# 1026
Delta R.T. 0.346 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

Tgt Ion: 70 Resp: 120395
Ion Ratio Lower Upper
70 100
42 38.0 38.1 57.1#
101 0.0 8.6 13.0#
130 1.3 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.762 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG059971.D

Acq: 6 Dec 2023 15:58

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-3

Tgt Ion:136 Resp: 427884

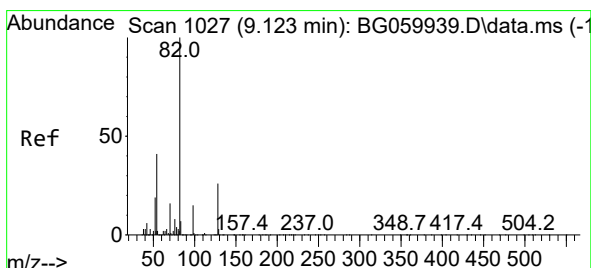
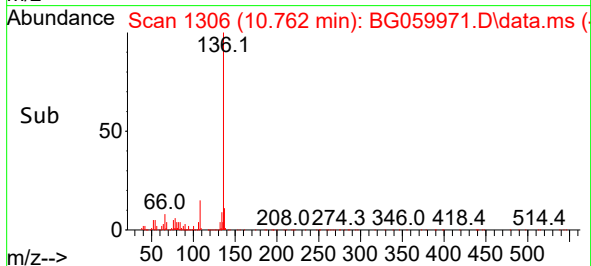
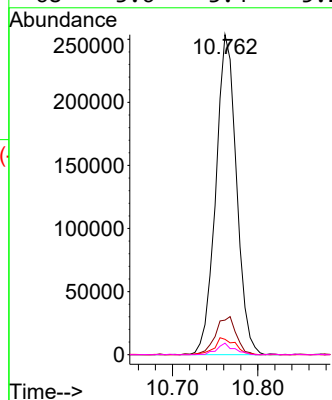
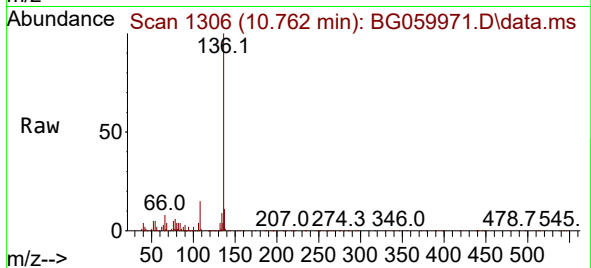
Ion Ratio Lower Upper

136 100

137 10.8 9.8 14.6

54 4.8 5.8 8.6#

68 3.6 3.4 5.2



#23

Nitrobenzene-d5

Concen: 66.284 ng

RT: 9.116 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG059971.D

Acq: 6 Dec 2023 15:58

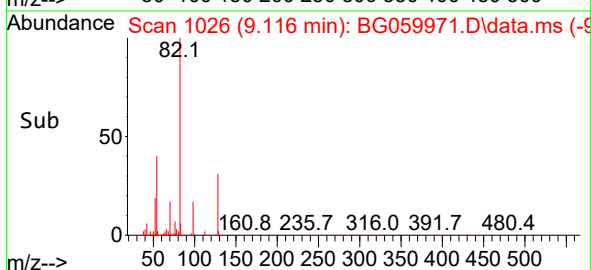
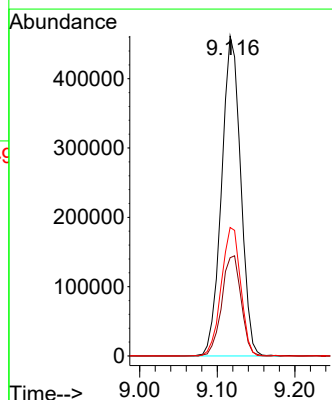
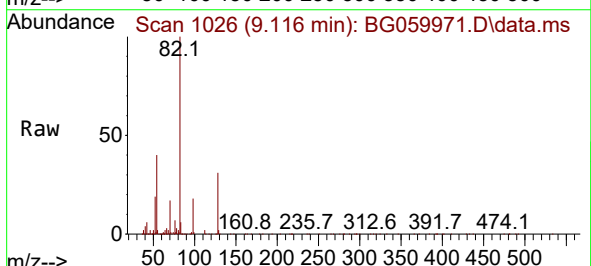
Tgt Ion: 82 Resp: 793403

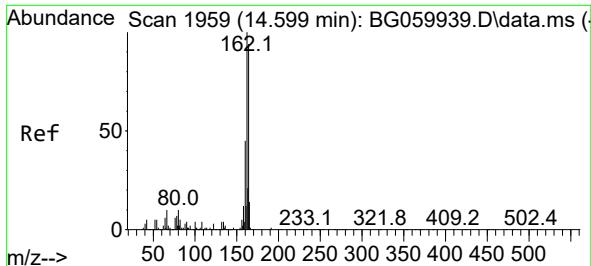
Ion Ratio Lower Upper

82 100

128 30.7 21.0 31.6

54 40.2 32.6 48.8

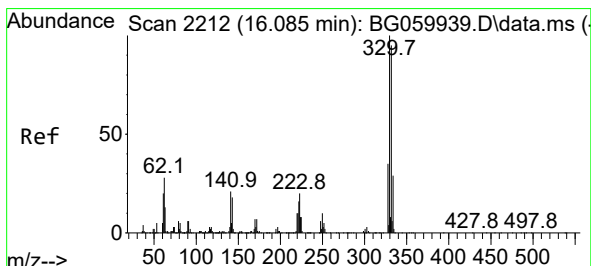
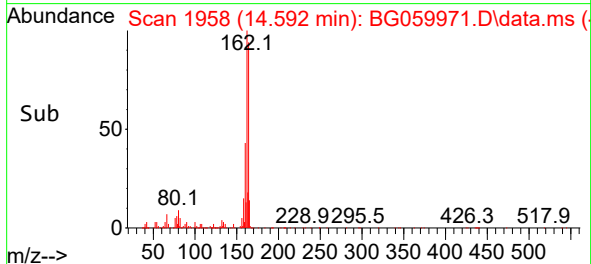
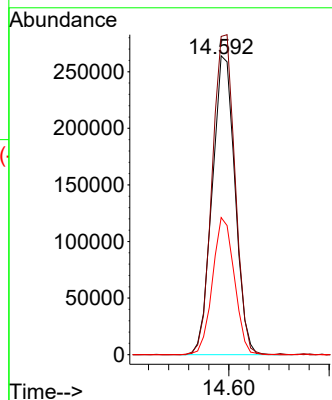
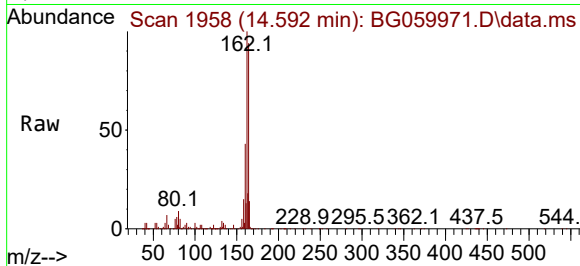




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

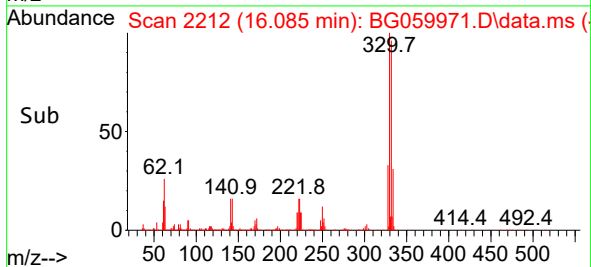
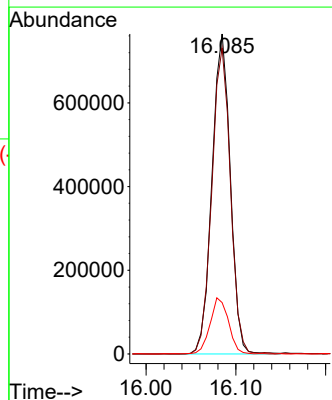
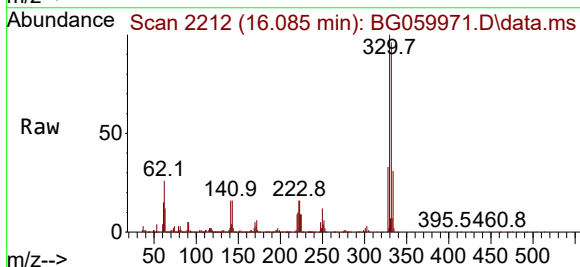
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-3

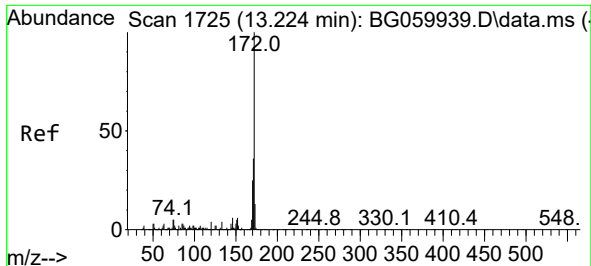
Tgt Ion:164 Resp: 415104
Ion Ratio Lower Upper
164 100
162 106.4 85.0 127.6
160 45.9 38.1 57.1



#42
2,4,6-Tribromophenol
Concen: 81.015 ng
RT: 16.085 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

Tgt Ion:330 Resp: 1082000
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 17.8 15.0 22.6

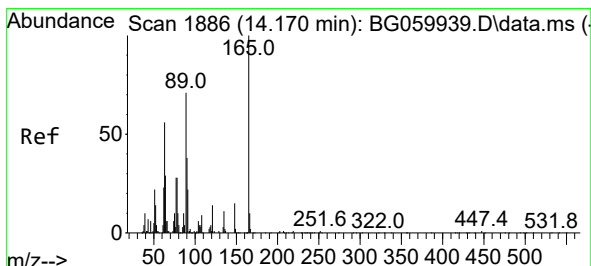
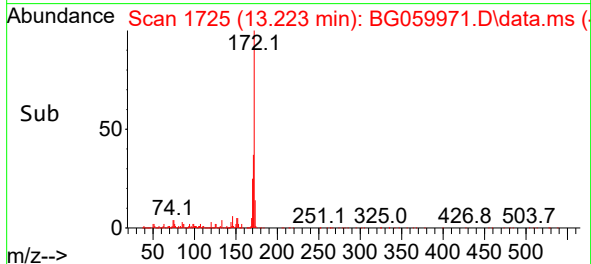
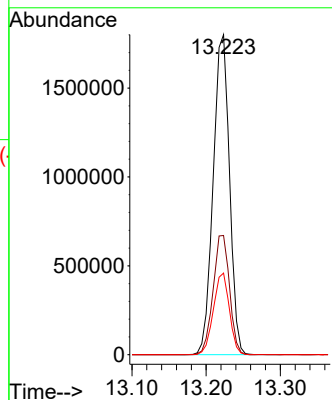
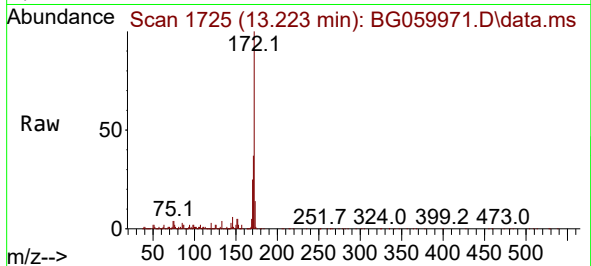




#45
2-Fluorobiphenyl
Concen: 72.218 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

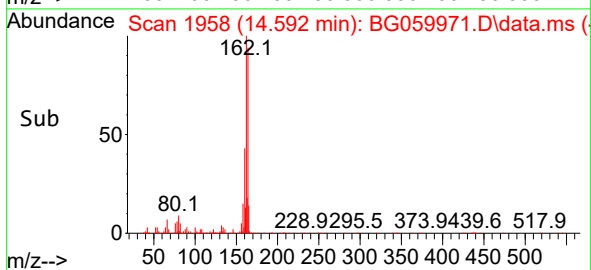
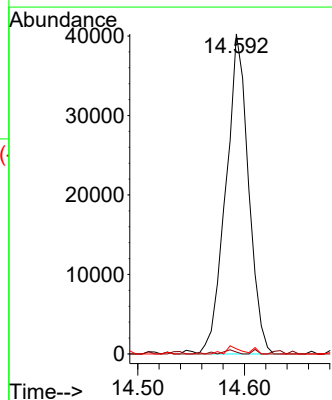
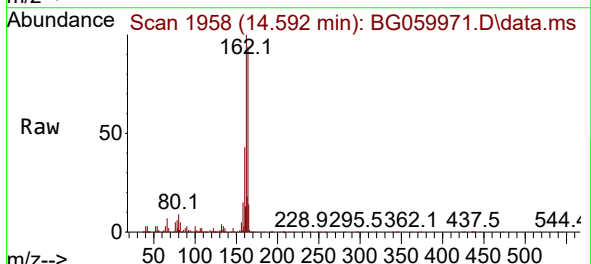
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-3

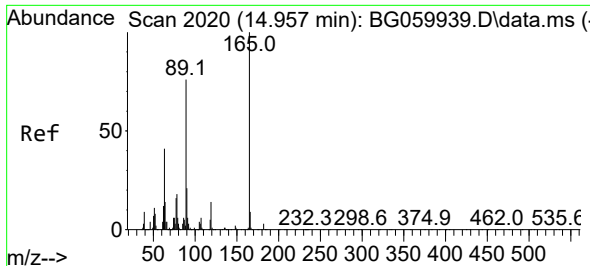
Tgt Ion:172 Resp: 2748562
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 25.5 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 7.696 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.423 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

Tgt Ion:165 Resp: 59581
Ion Ratio Lower Upper
165 100
63 0.6 47.2 70.8#
89 1.6 57.1 85.7#





#57

2,4-Dinitrotoluene

Concen: 5.533 ng

RT: 14.592 min Scan# 1958

Delta R.T. -0.365 min

Lab File: BG059971.D

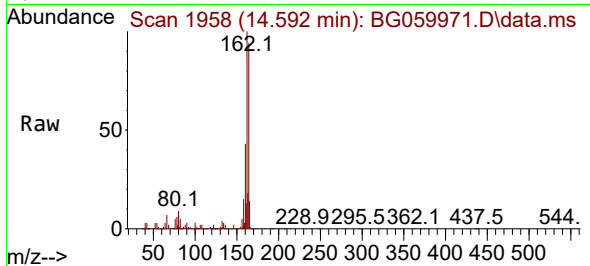
Acq: 6 Dec 2023 15:58

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-3



Tgt Ion:165 Resp: 59581

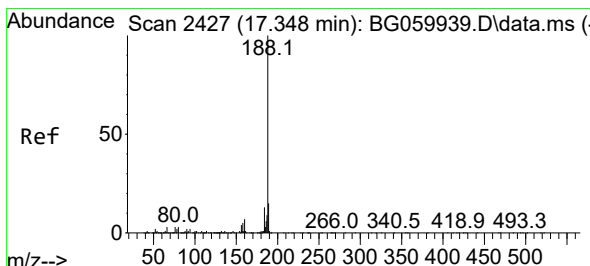
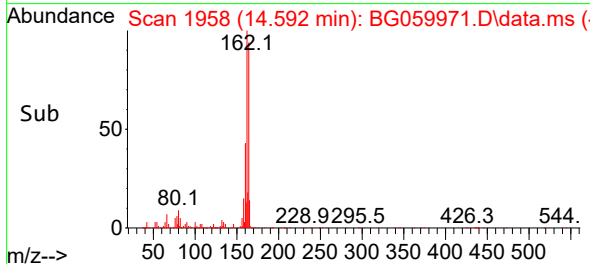
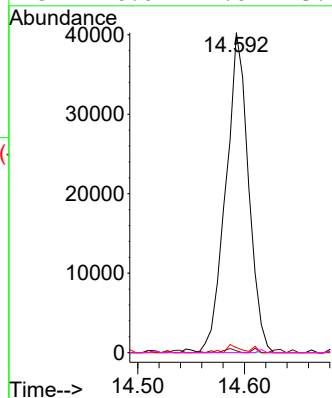
Ion Ratio Lower Upper

165 100

63 0.6 32.8 49.2#

89 1.6 60.6 90.8#

182 0.0 2.6 3.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BG059971.D

Acq: 6 Dec 2023 15:58

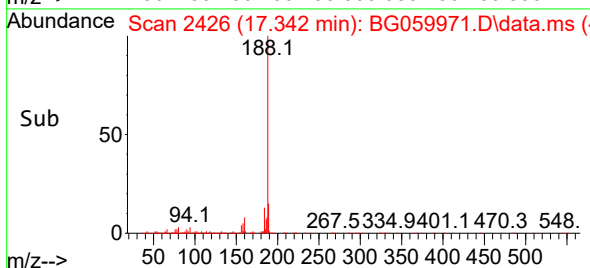
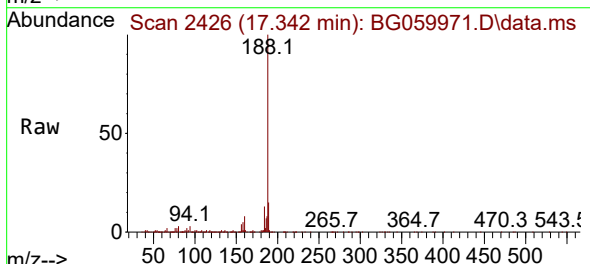
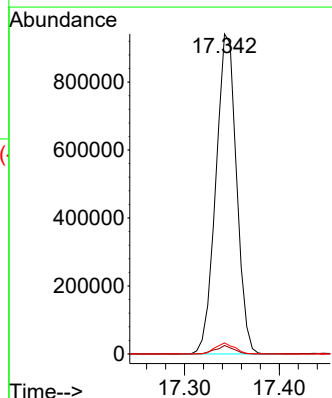
Tgt Ion:188 Resp: 1427207

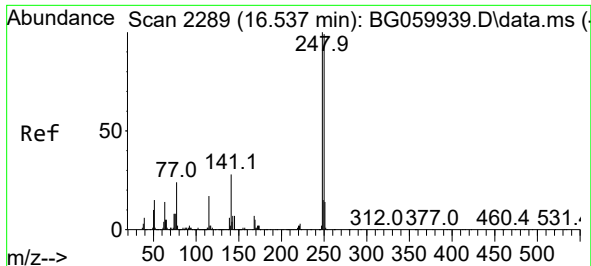
Ion Ratio Lower Upper

188 100

94 2.7 1.8 2.6#

80 3.5 2.2 3.4#

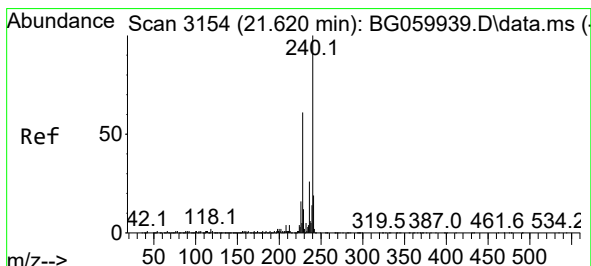
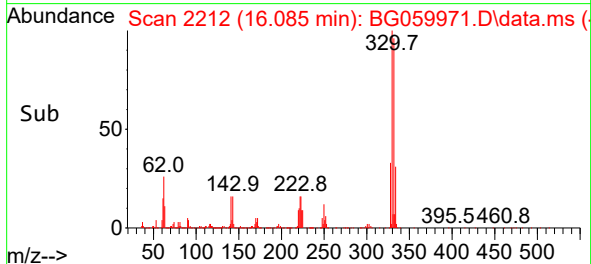
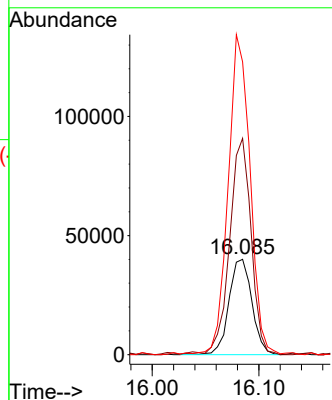
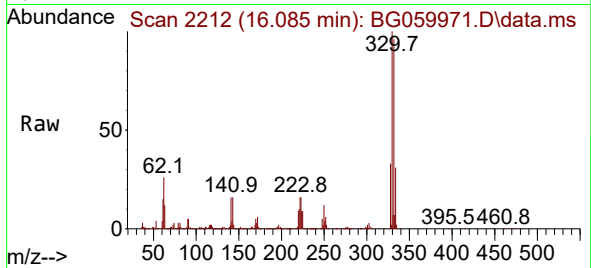




#67
4-Bromophenyl-phenylether
Concen: 2.453 ng
RT: 16.085 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

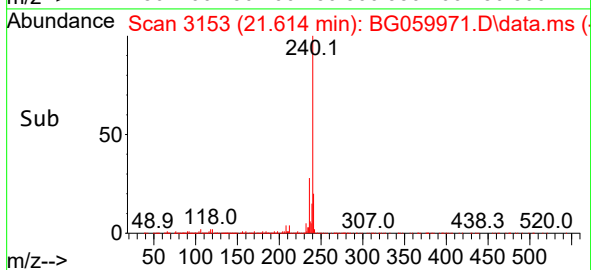
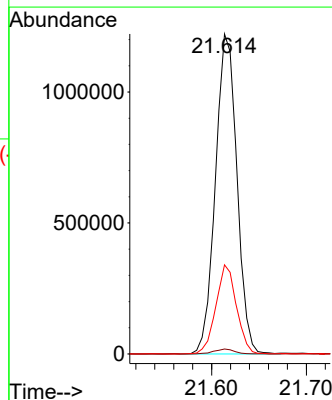
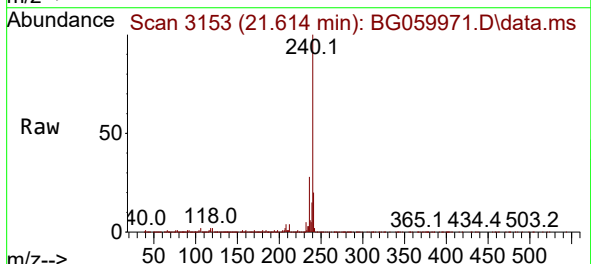
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-3

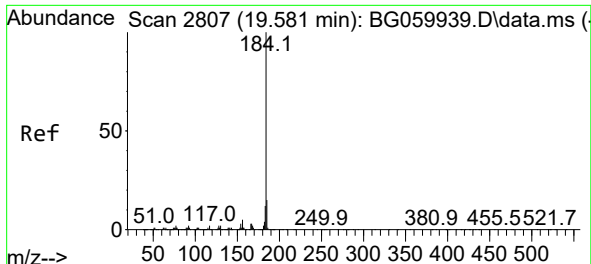
Tgt Ion:248 Resp: 59985
Ion Ratio Lower Upper
248 100
250 226.8 79.0 118.4#
141 306.9 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

Tgt Ion:240 Resp: 1925998
Ion Ratio Lower Upper
240 100
120 1.5 1.0 1.4#
236 27.9 20.8 31.2

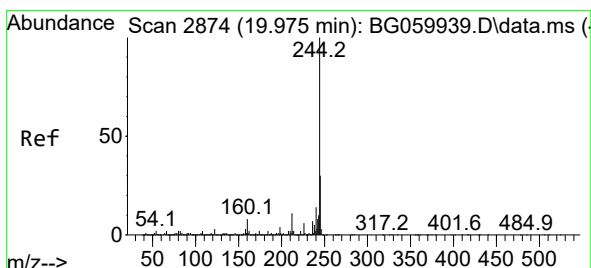
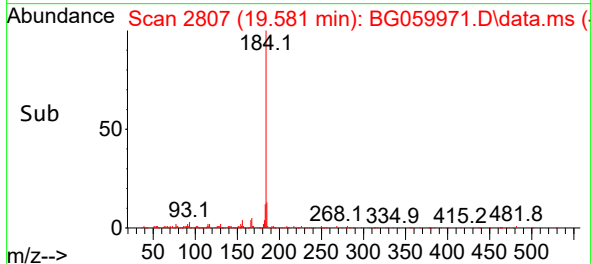
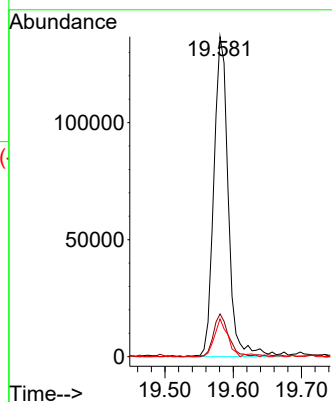
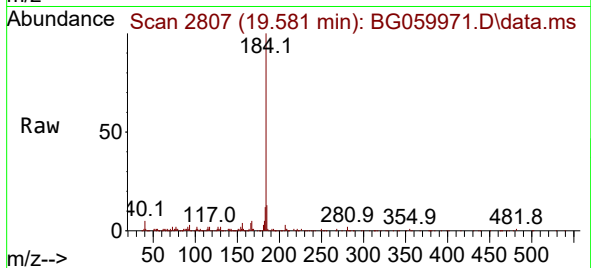




#77
Benzidine
Concen: 12.461 ng
RT: 19.581 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

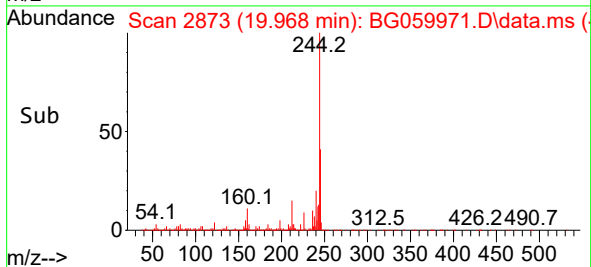
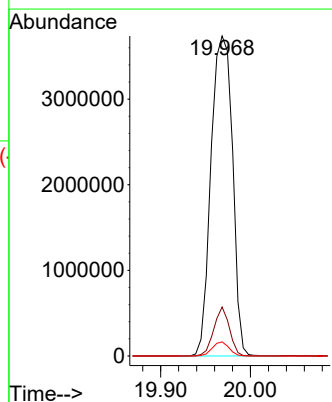
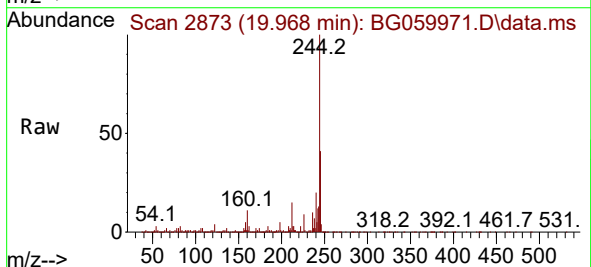
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-3

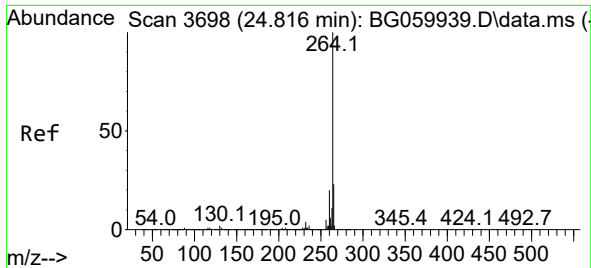
Tgt Ion:184 Resp: 202272
Ion Ratio Lower Upper
184 100
185 13.3 12.0 18.0
183 11.8 9.7 14.5



#79
Terphenyl-d14
Concen: 55.559 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.007 min
Lab File: BG059971.D
Acq: 6 Dec 2023 15:58

Tgt Ion:244 Resp: 6207226
Ion Ratio Lower Upper
244 100
212 15.3 8.6 13.0#
122 4.4 2.1 3.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG059971.D
 Acq: 6 Dec 2023 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-3

Tgt Ion:264 Resp: 2287403

Ion	Ratio	Lower	Upper
264	100		
260	22.4	15.8	23.6
265	21.7	18.1	27.1

