

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056976.D
 Acq On : 4 Apr 2023 22:23
 Operator : CG/JU
 Sample : 02084-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6ADL

Quant Time: Apr 05 04:12:02 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)

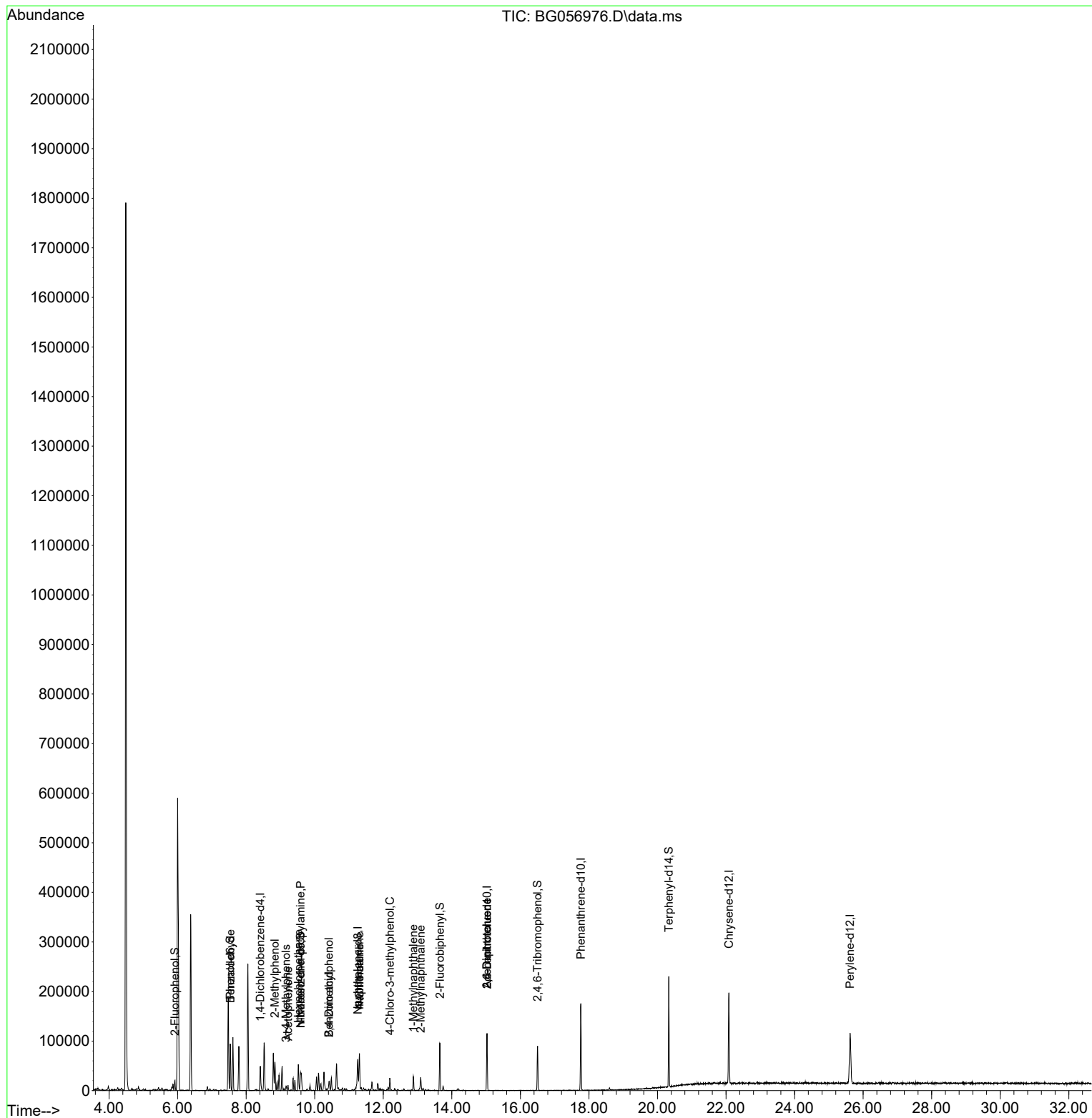
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	13250	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	49310	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	41073	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	116195	20.000	ng	# 0.00
76) Chrysene-d12	22.083	240	119803	20.000	ng	-0.01
86) Perylene-d12	25.619	264	125725	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	7739	9.348	ng	0.00
7) Phenol-d6	7.538	99	7016	5.666	ng	0.00
23) Nitrobenzene-d5	9.588	82	18684	15.504	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	17979	27.401	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	49476	16.334	ng	0.00
79) Terphenyl-d14	20.332	244	113162	15.984	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.544	77	7461	9.607	ng	# 1
17) 2-Methylphenol	8.836	107	16628	18.996	ng	89
18) Hexachloroethane	9.529	117	6824	20.302	ng	# 1
19) n-Nitroso-di-n-propyla...	9.588	70	2852	3.220	ng	# 80
20) 3+4-Methylphenols	9.159	107	4271	3.489	ng	93
22) Acetophenone	9.224	105	7294	4.971	ng	# 58
27) 2,4-Dimethylphenol	10.416	122	4500	5.359	ng	# 69
31) Naphthalene	11.303	128	54207	20.168	ng	99
32) Benzoic acid	10.416	122	4500	7.802	ng	# 36
33) 4-Chloroaniline	11.303	127	7924	6.528	ng	# 46
36) 4-Chloro-3-methylphenol	12.196	107	2645	2.619	ng	# 22
37) 2-Methylnaphthalene	13.095	142	6862	3.217	ng	87
38) 1-Methylnaphthalene	12.878	142	11558	5.770	ng	85
51) 2,6-Dinitrotoluene	15.028	165	5534	7.914	ng	# 18
57) 2,4-Dinitrotoluene	15.028	165	5534	5.612	ng	# 18

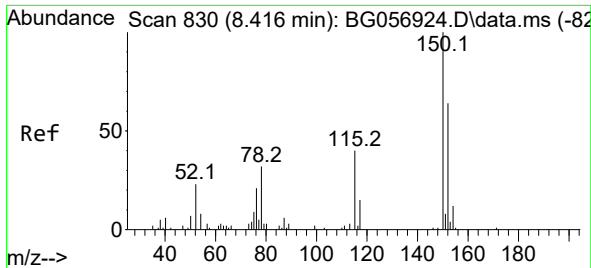
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 05 04:12:02 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

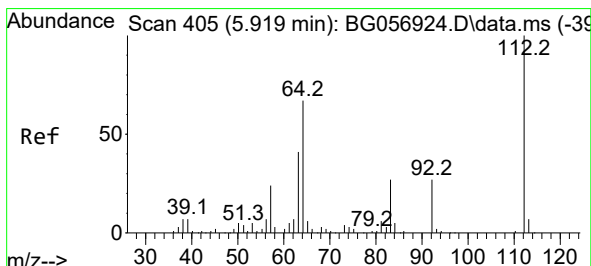
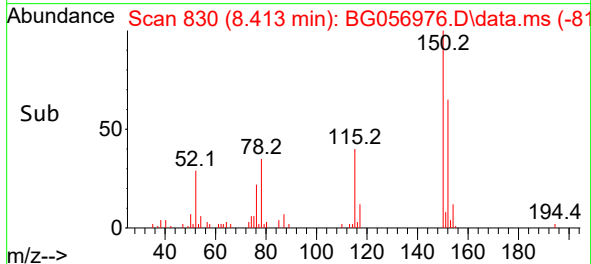
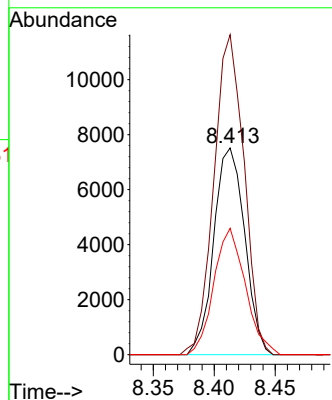
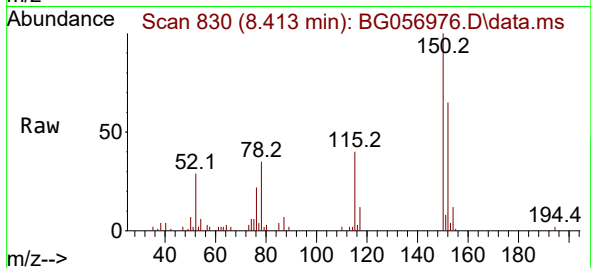




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

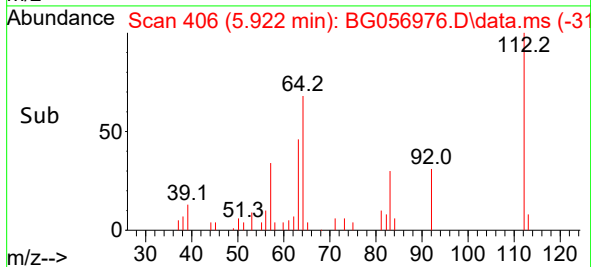
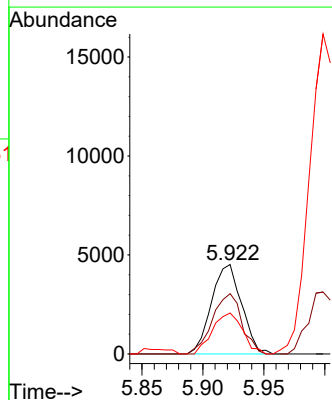
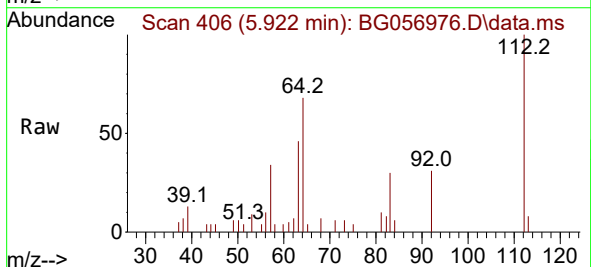
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

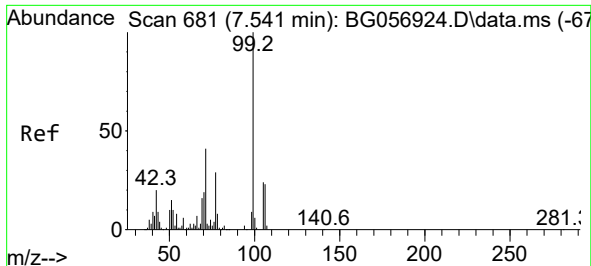
Tgt Ion:152 Resp: 13250
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 61.2 49.1 73.7



#5
2-Fluorophenol
Concen: 9.348 ng
RT: 5.922 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:112 Resp: 7739
Ion Ratio Lower Upper
112 100
64 67.5 53.2 79.8
63 45.9 32.6 48.8

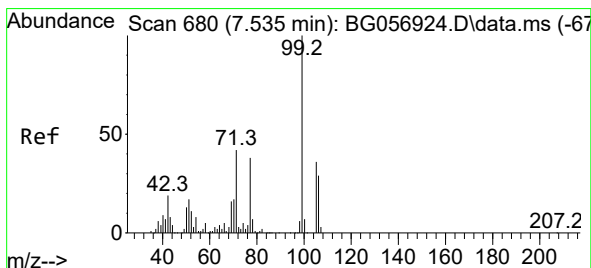
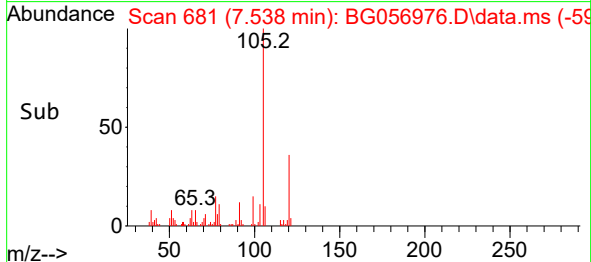
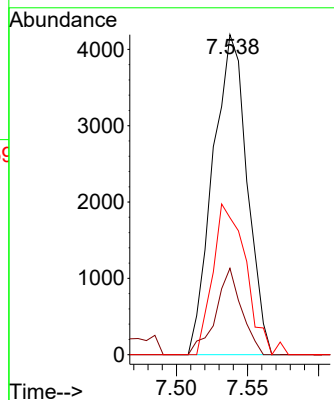
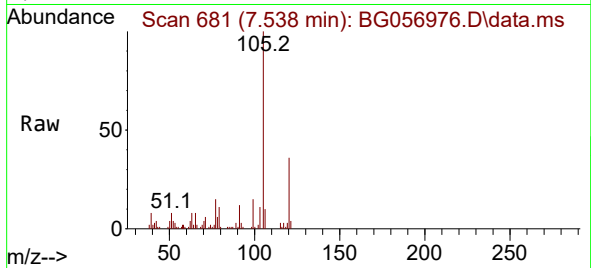




#7
Phenol-d6
Concen: 5.666 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

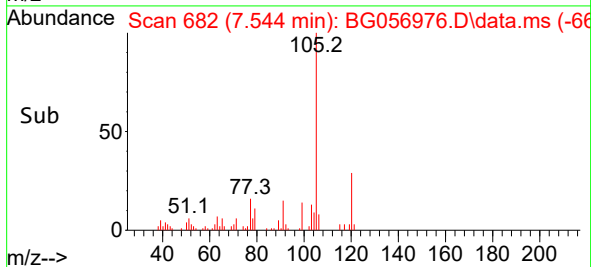
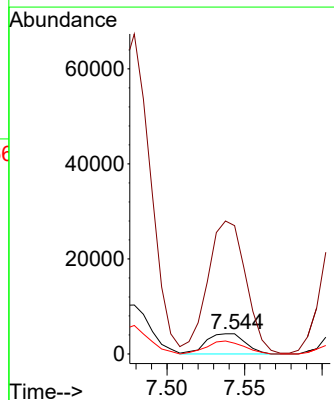
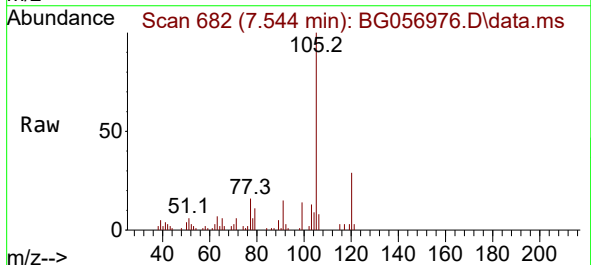
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

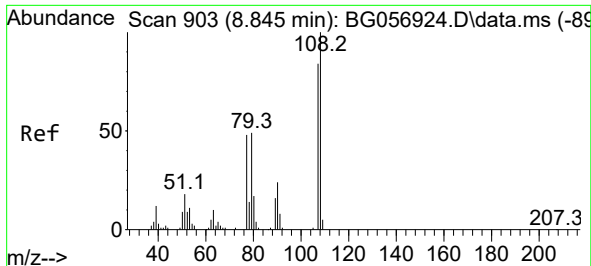
Tgt Ion: 99 Resp: 7016
Ion Ratio Lower Upper
99 100
42 27.0 15.7 23.5#
71 42.8 32.5 48.7



#9
Benzaldehyde
Concen: 9.607 ng
RT: 7.544 min Scan# 682
Delta R.T. 0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion: 77 Resp: 7461
Ion Ratio Lower Upper
77 100
105 636.5 73.6 113.6#
106 53.5 56.7 96.7#





#17

2-Methylphenol

Concen: 18.996 ng

RT: 8.836 min Scan# 90

Delta R.T. -0.009 min

Lab File: BG056976.D

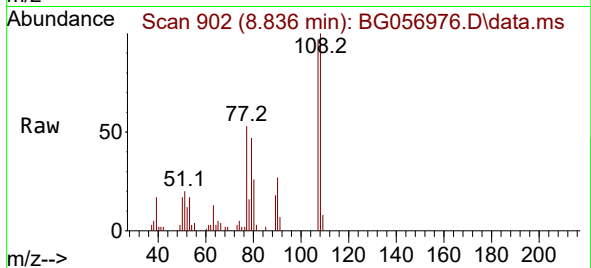
Acq: 4 Apr 2023 22:23

Instrument :

BNA_G

ClientSampleId :

MW-6ADL



Tgt Ion:107 Resp: 16628

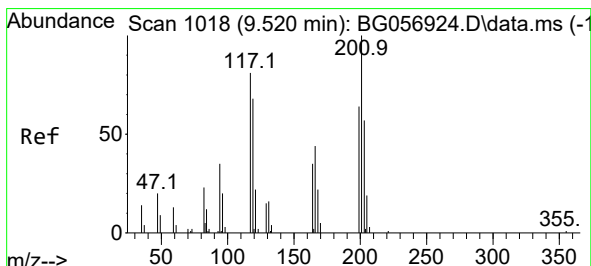
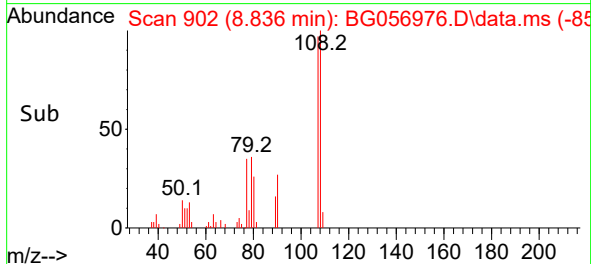
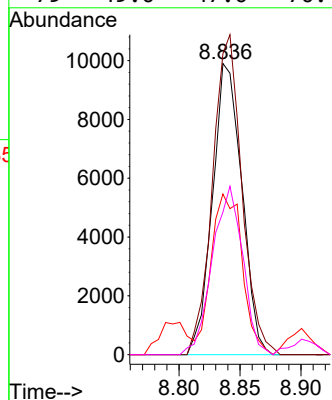
Ion Ratio Lower Upper

107 100

108 103.3 96.0 144.0

77 55.2 45.6 68.4

79 49.0 47.0 70.4



#18

Hexachloroethane

Concen: 20.302 ng

RT: 9.529 min Scan# 1020

Delta R.T. 0.009 min

Lab File: BG056976.D

Acq: 4 Apr 2023 22:23

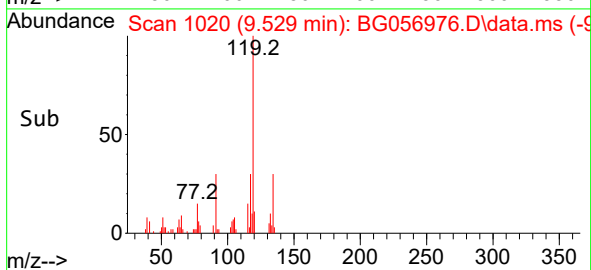
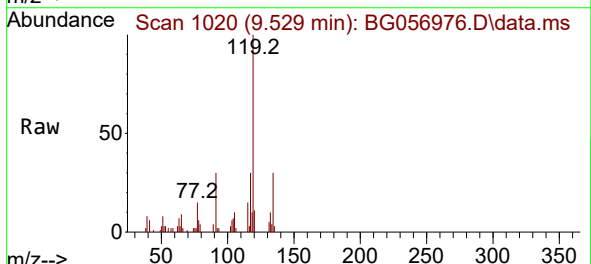
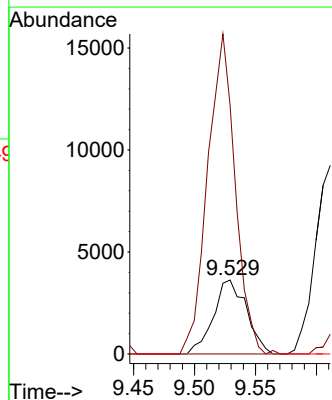
Tgt Ion:117 Resp: 6824

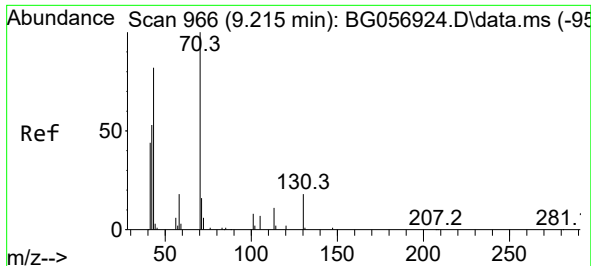
Ion Ratio Lower Upper

117 100

119 335.9 67.0 100.6#

201 0.0 98.7 148.1#

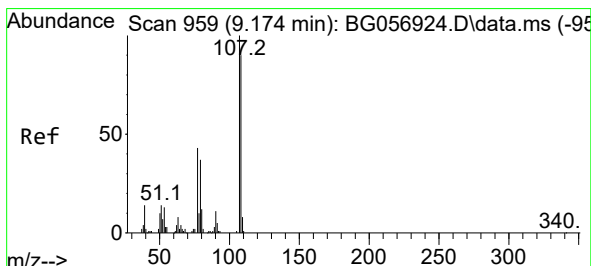
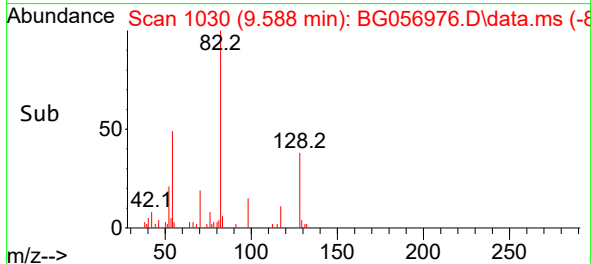
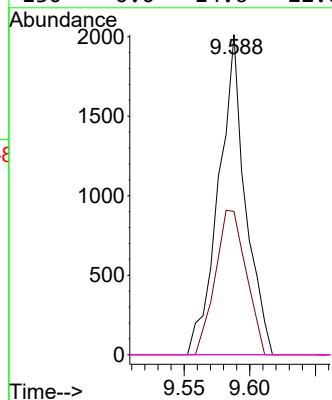
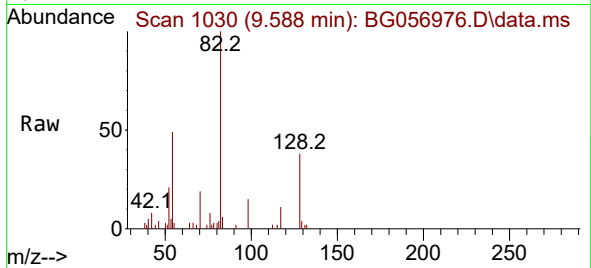




#19
n-Nitroso-di-n-propylamine
Concen: 3.220 ng
RT: 9.588 min Scan# 1030
Delta R.T. 0.373 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

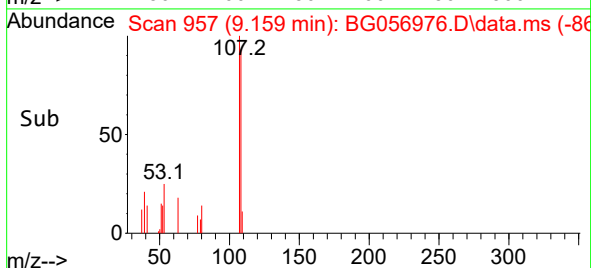
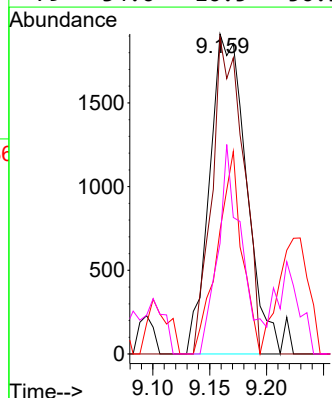
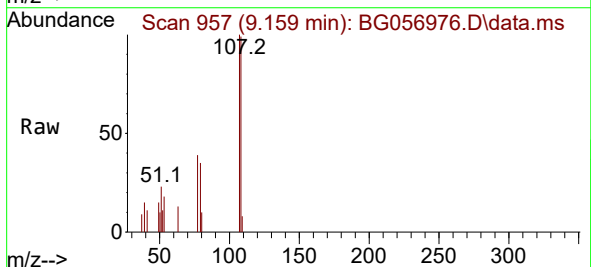
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

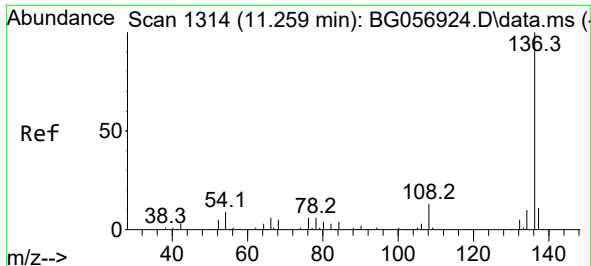
Tgt Ion: 70 Resp: 2852
Ion Ratio Lower Upper
70 100
42 44.8 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#



#20
3+4-Methylphenols
Concen: 3.489 ng
RT: 9.159 min Scan# 957
Delta R.T. -0.015 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

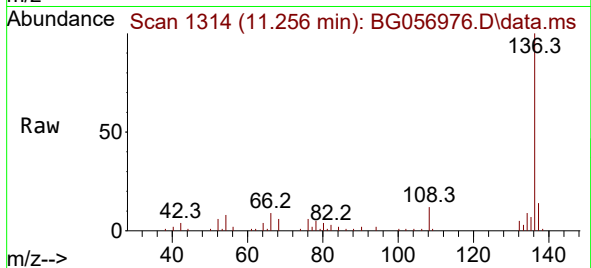
Tgt Ion: 107 Resp: 4271
Ion Ratio Lower Upper
107 100
108 98.8 69.9 109.9
77 38.7 22.7 62.7
79 34.6 16.5 56.5



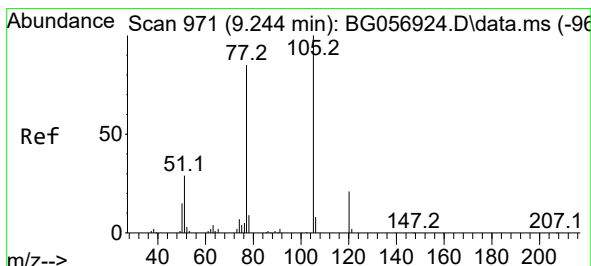
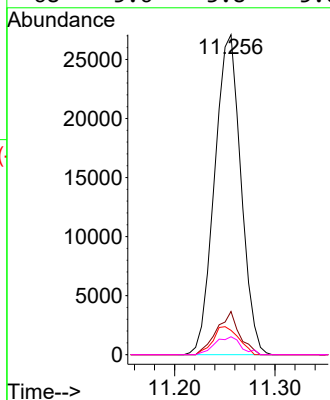
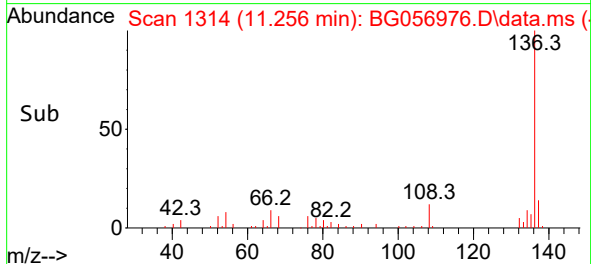


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

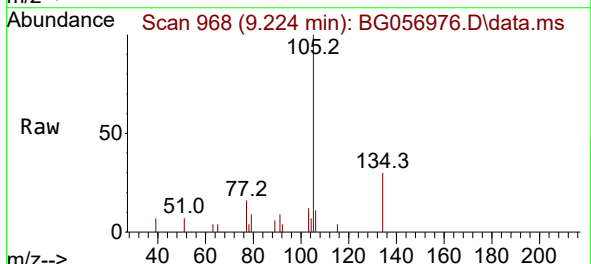
Instrument :
BNA_G
ClientSampleId :
MW-6ADL



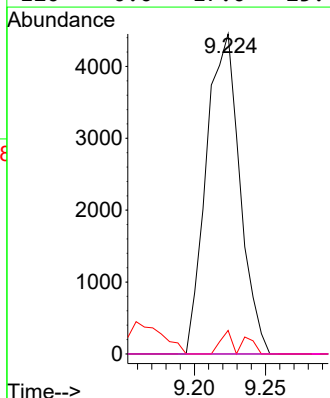
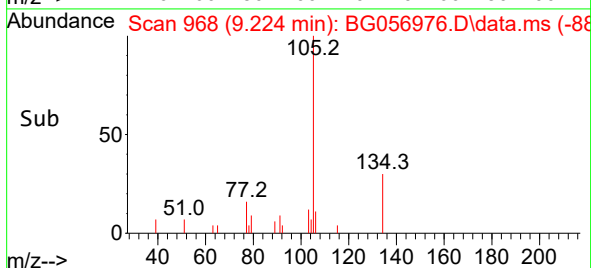
Tgt Ion:136 Resp: 49310
Ion Ratio Lower Upper
136 100
137 13.5 8.6 13.0#
54 7.6 6.9 10.3
68 5.6 3.8 5.6

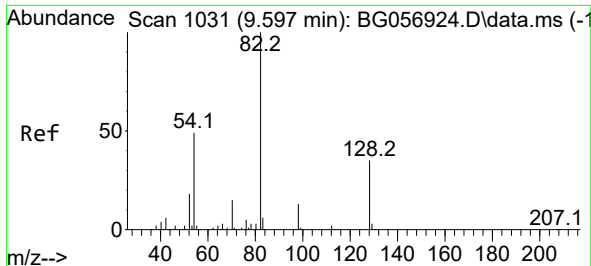


#22
Acetophenone
Concen: 4.971 ng
RT: 9.224 min Scan# 968
Delta R.T. -0.021 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23



Tgt Ion:105 Resp: 7294
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 7.3 23.8 35.8#
120 0.0 17.0 25.4#

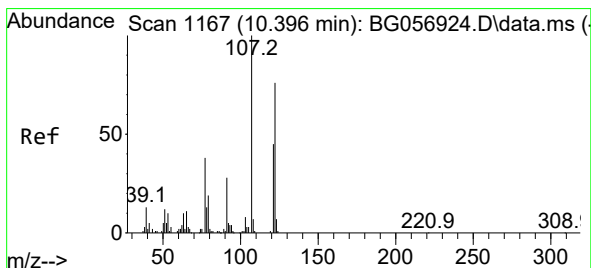
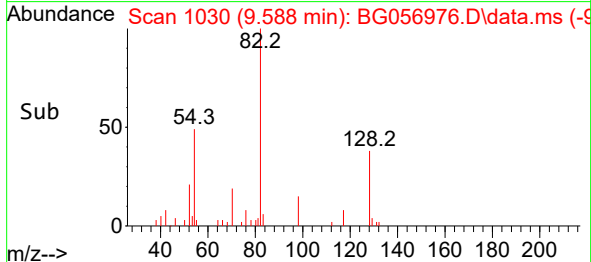
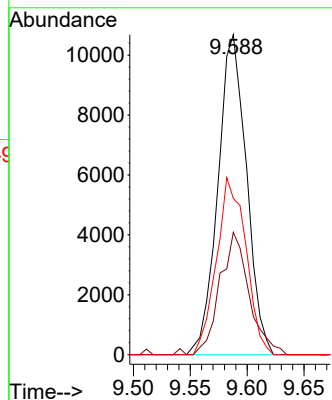
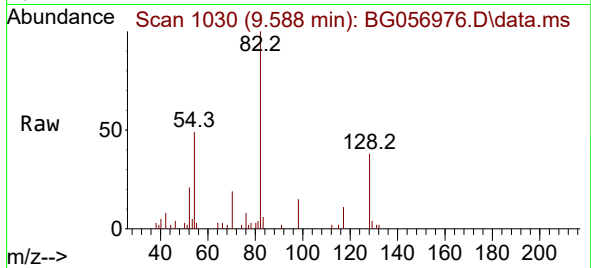




#23
Nitrobenzene-d5
Concen: 15.504 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

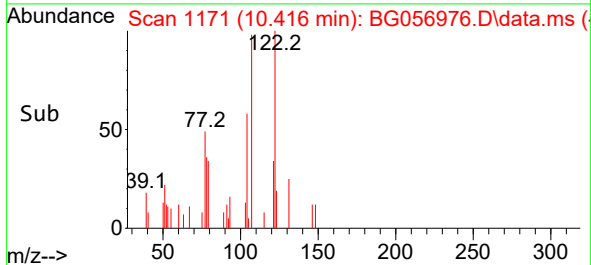
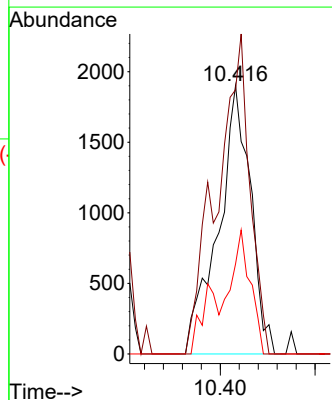
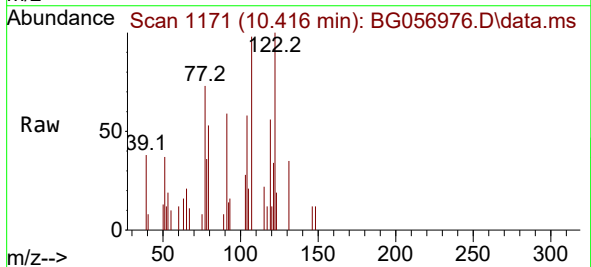
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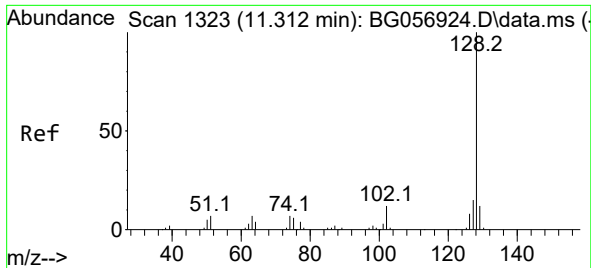
Tgt Ion: 82 Resp: 18684
Ion Ratio Lower Upper
82 100
128 38.2 27.9 41.9
54 48.9 39.4 59.2



#27
2,4-Dimethylphenol
Concen: 5.359 ng
RT: 10.416 min Scan# 1171
Delta R.T. 0.021 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:122 Resp: 4500
Ion Ratio Lower Upper
122 100
107 98.4 105.7 158.5#
121 33.5 48.0 72.0#

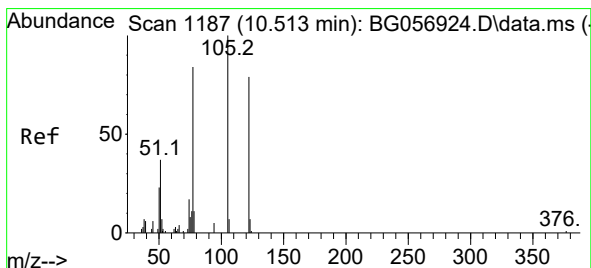
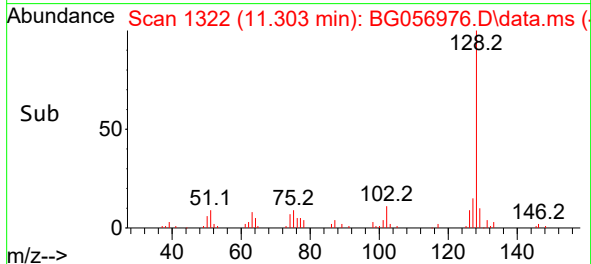
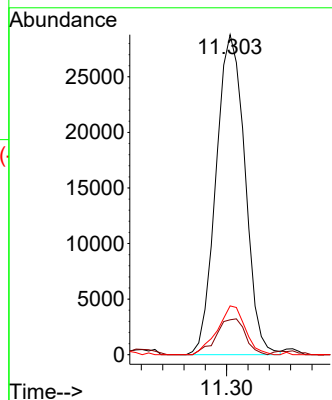
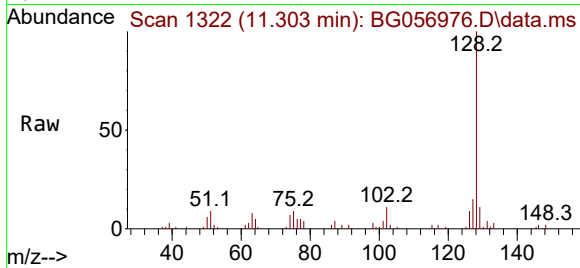




#31
Naphthalene
Concen: 20.168 ng
RT: 11.303 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

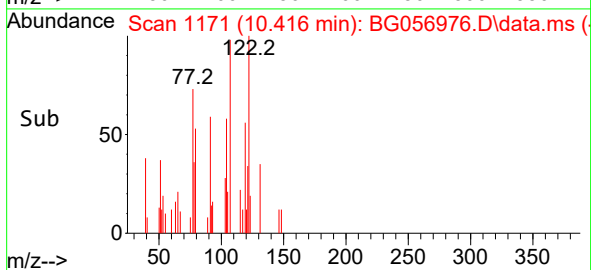
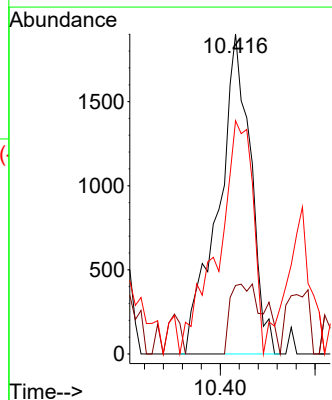
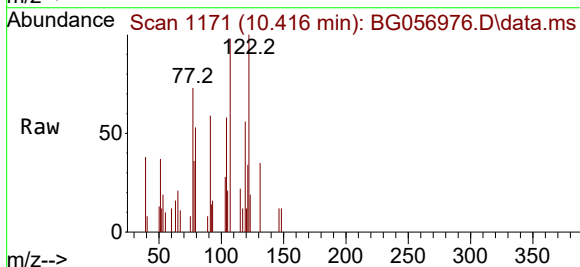
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

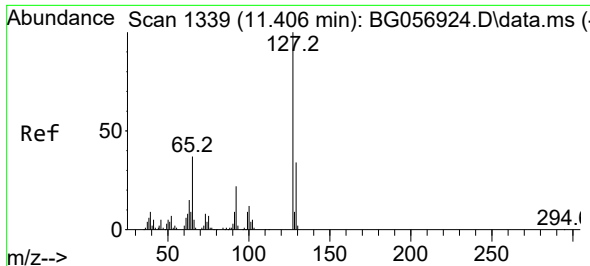
Tgt Ion:128 Resp: 54207
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 15.3 12.2 18.4



#32
Benzoic acid
Concen: 7.802 ng
RT: 10.416 min Scan# 1171
Delta R.T. -0.097 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:122 Resp: 4500
Ion Ratio Lower Upper
122 100
105 21.4 105.4 145.4#
77 72.9 87.4 127.4#

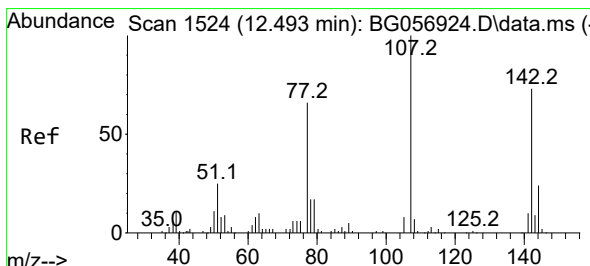
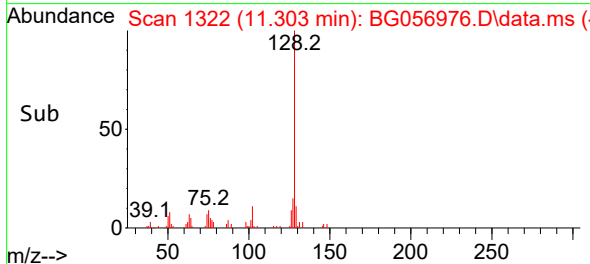
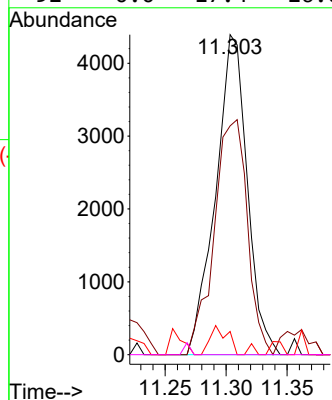
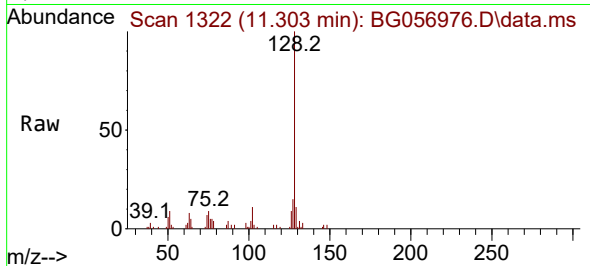




#33
4-Chloroaniline
Concen: 6.528 ng
RT: 11.303 min Scan# 11
Delta R.T. -0.103 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

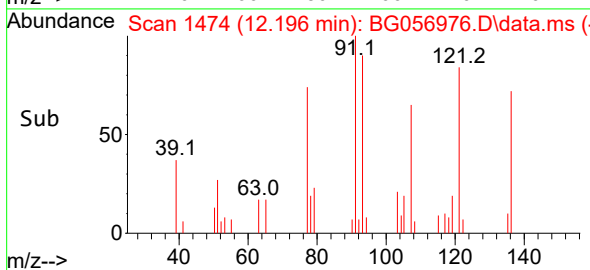
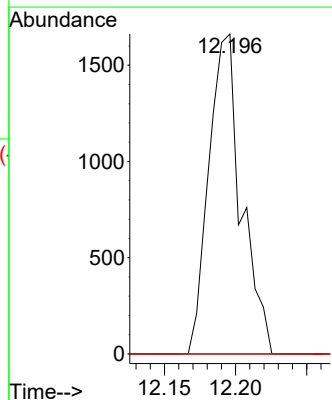
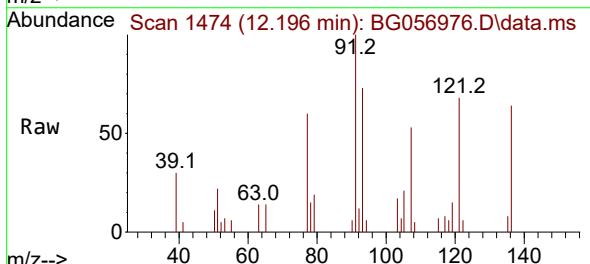
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

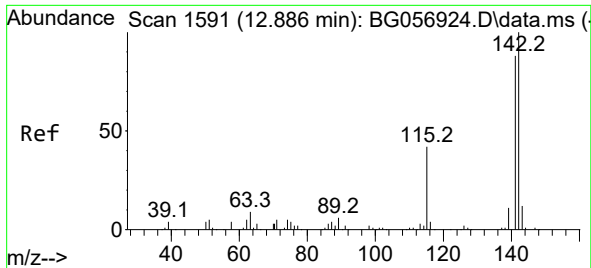
Tgt Ion:	127	Resp:	7924
Ion	Ratio	Lower	Upper
127	100		
129	71.5	27.6	41.4#
65	7.2	29.8	44.8#
92	0.0	17.4	26.0#



#36
4-Chloro-3-methylphenol
Concen: 2.619 ng
RT: 12.196 min Scan# 1474
Delta R.T. -0.297 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:	107	Resp:	2645
Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.0	28.4#
142	0.0	58.6	88.0#





#37

2-Methylnaphthalene

Concen: 3.217 ng

RT: 13.095 min Scan# 1

Delta R.T. 0.208 min

Lab File: BG056976.D

Acq: 4 Apr 2023 22:23

Instrument :

BNA_G

ClientSampleId :

MW-6ADL

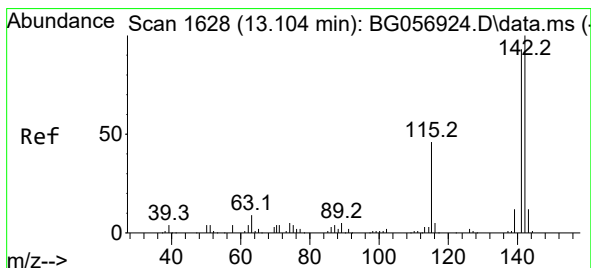
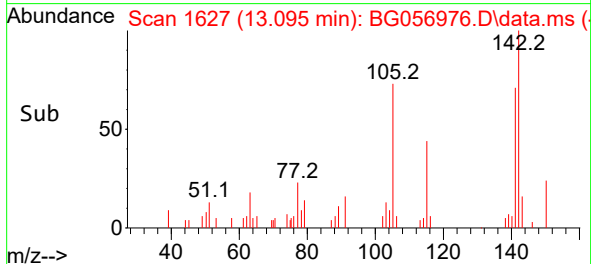
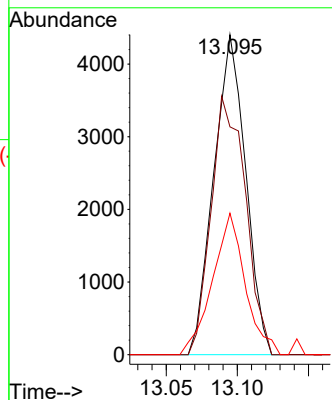
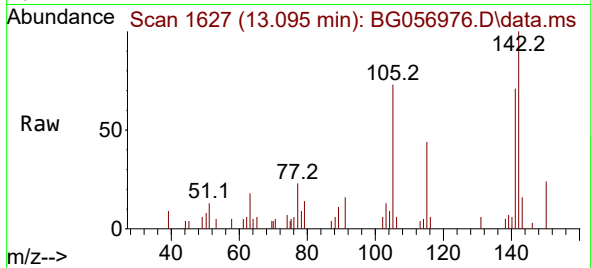
Tgt Ion:142 Resp: 6862

Ion Ratio Lower Upper

142 100

141 71.2 70.3 105.5

115 44.2 33.5 50.3



#38

1-Methylnaphthalene

Concen: 5.770 ng

RT: 12.878 min Scan# 1590

Delta R.T. -0.226 min

Lab File: BG056976.D

Acq: 4 Apr 2023 22:23

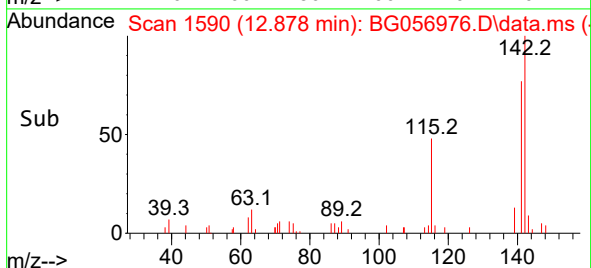
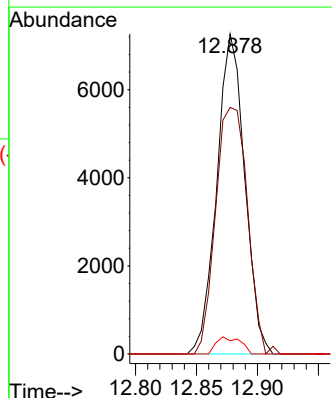
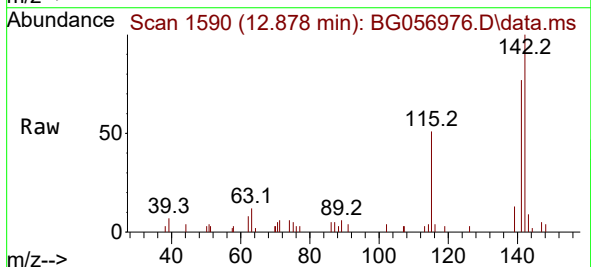
Tgt Ion:142 Resp: 11558

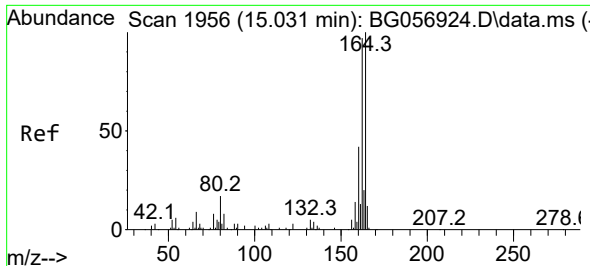
Ion Ratio Lower Upper

142 100

141 77.0 74.0 111.0

116 4.1 3.7 5.5

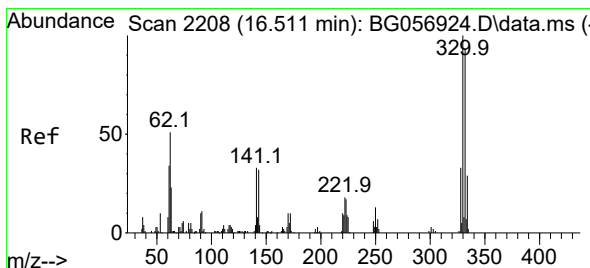
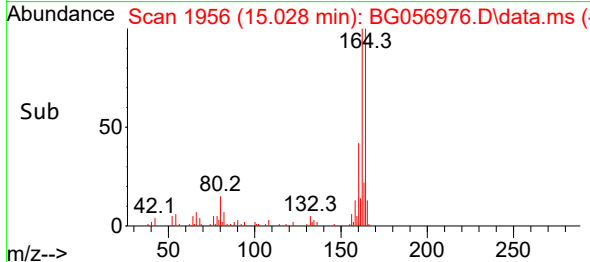
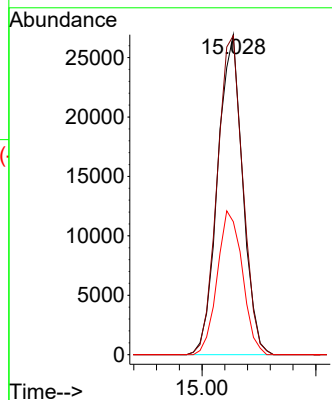
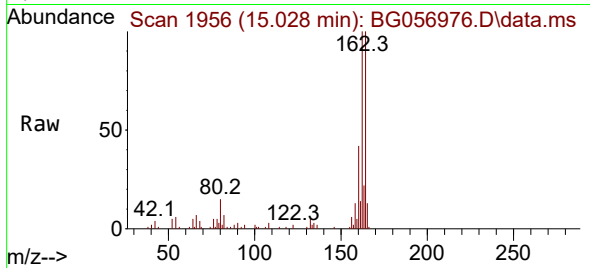




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

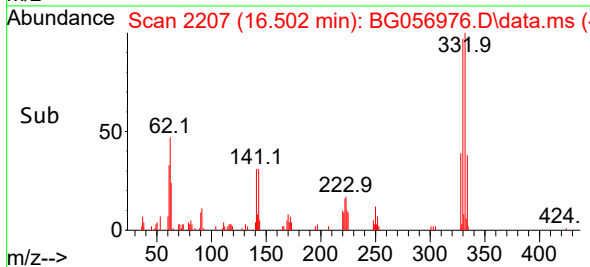
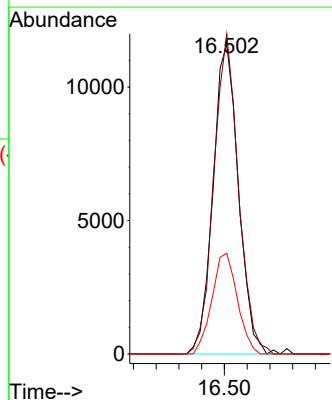
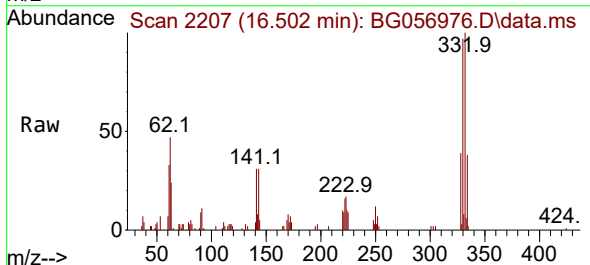
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

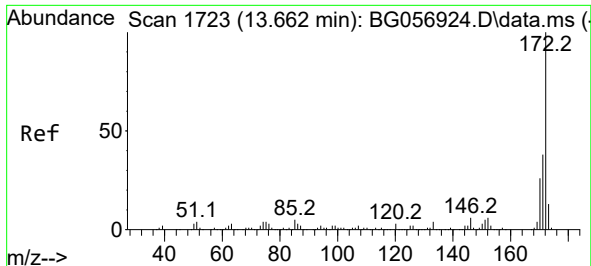
Tgt Ion:164 Resp: 41073
Ion Ratio Lower Upper
164 100
162 99.7 77.8 116.8
160 41.6 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 27.401 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:330 Resp: 17979
Ion Ratio Lower Upper
330 100
332 100.4 76.1 114.1
141 32.5 25.8 38.6

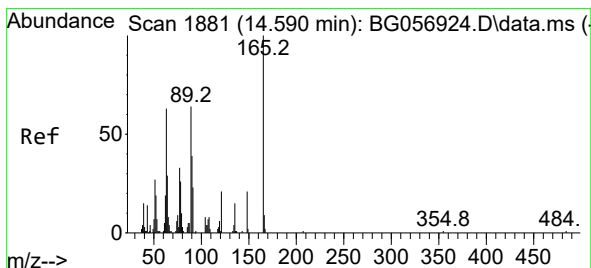
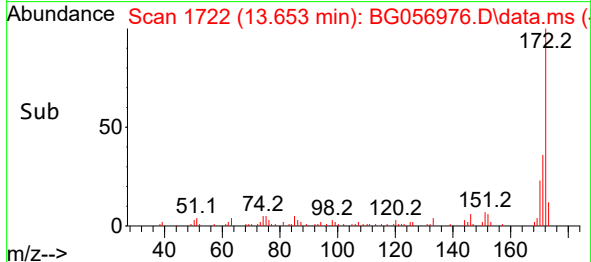
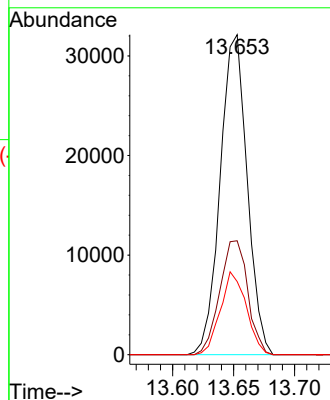
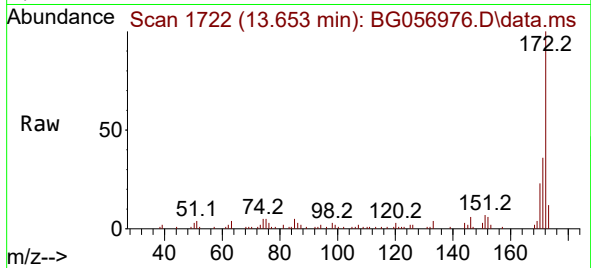




#45
2-Fluorobiphenyl
Concen: 16.334 ng
RT: 13.653 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

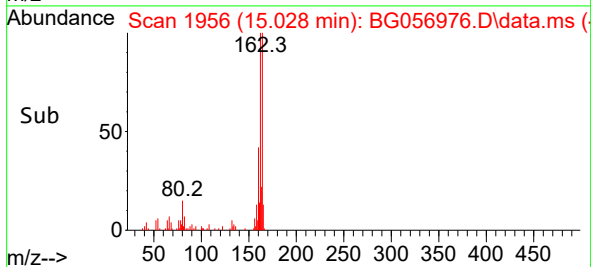
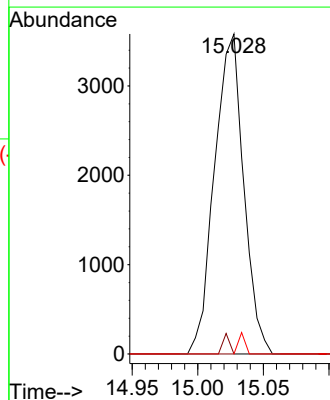
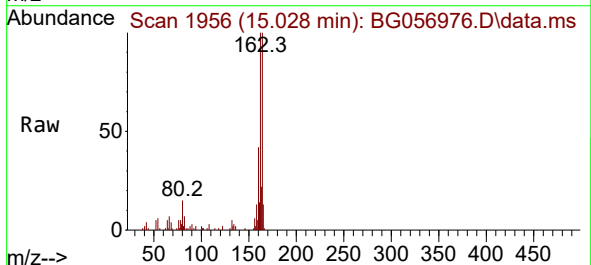
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

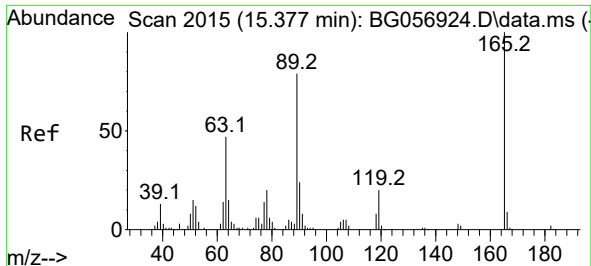
Tgt Ion:172 Resp: 49476
Ion Ratio Lower Upper
172 100
171 35.6 30.6 46.0
170 22.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.914 ng
RT: 15.028 min Scan# 1956
Delta R.T. 0.438 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:165 Resp: 5534
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: 5.612 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.350 min

Lab File: BG056976.D

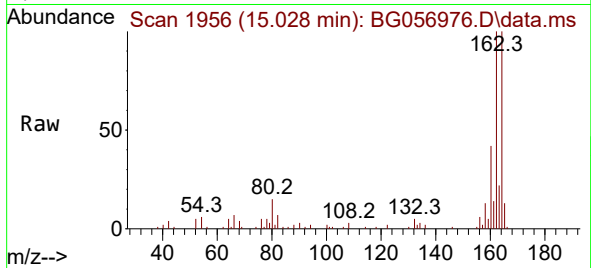
Acq: 4 Apr 2023 22:23

Instrument :

BNA_G

ClientSampleId :

MW-6ADL



Tgt Ion:165 Resp: 5534

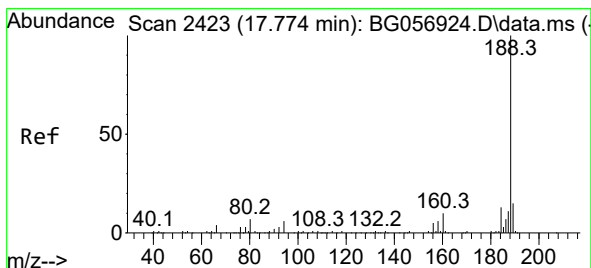
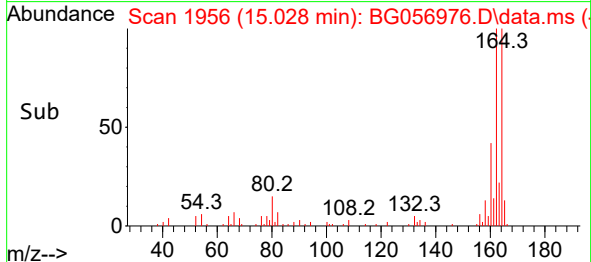
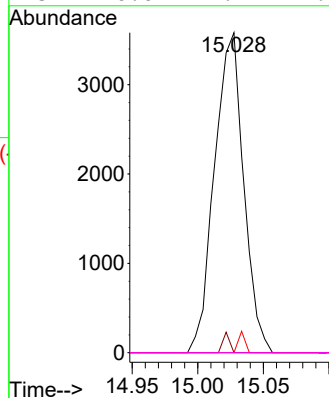
Ion Ratio Lower Upper

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: 17.765 min Scan# 2422

Delta R.T. -0.009 min

Lab File: BG056976.D

Acq: 4 Apr 2023 22:23

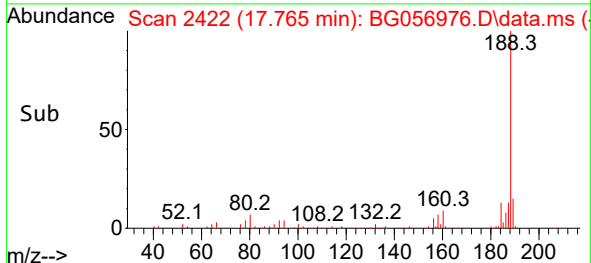
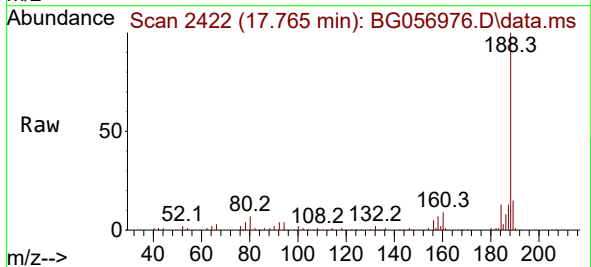
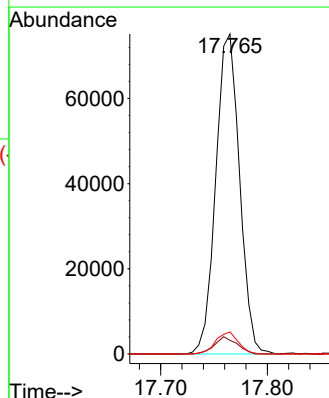
Tgt Ion:188 Resp: 116195

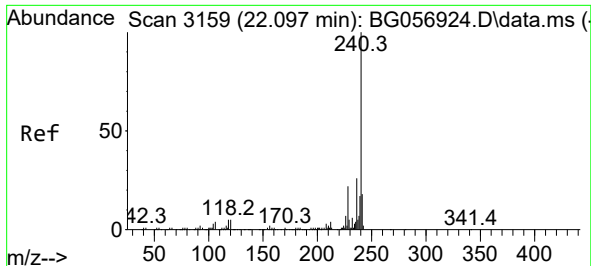
Ion Ratio Lower Upper

188 100

94 4.3 4.6 6.8#

80 6.9 5.5 8.3

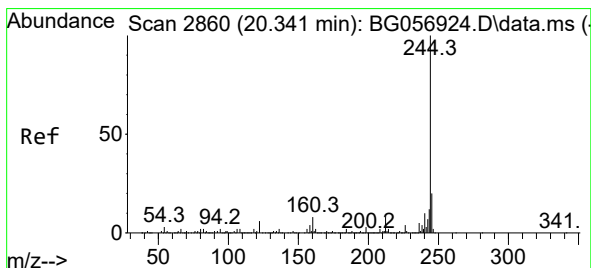
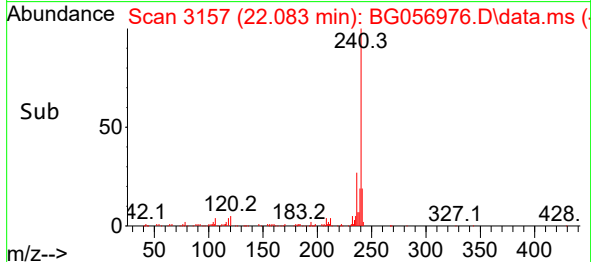
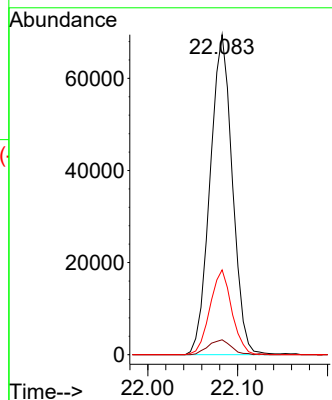
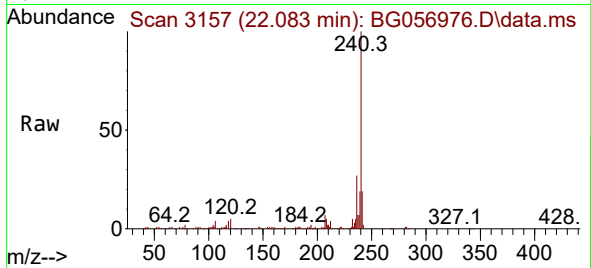




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.015 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

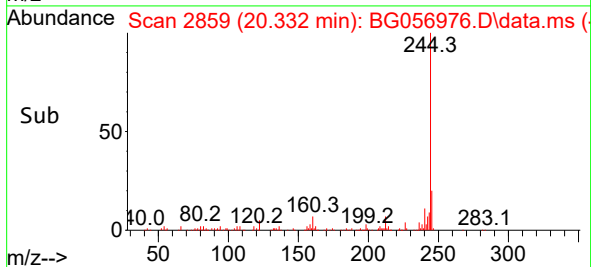
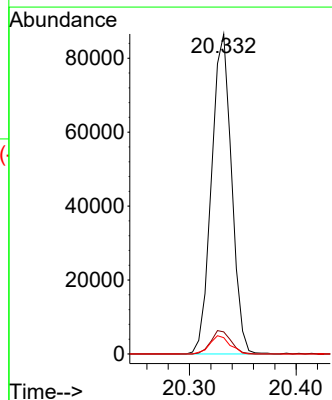
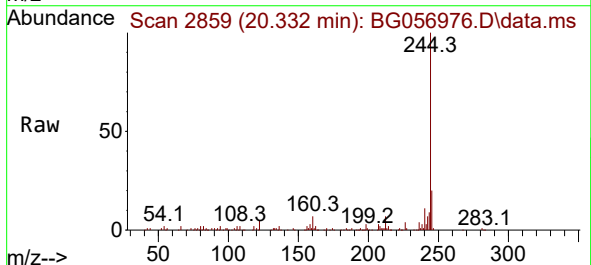
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

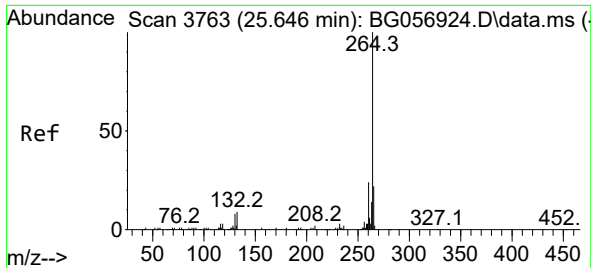
Tgt Ion:240 Resp: 119803
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 26.5 21.0 31.6



#79
Terphenyl-d14
Concen: 15.984 ng
RT: 20.332 min Scan# 2859
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:244 Resp: 113162
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 5.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.619 min Scan# 31
Delta R.T. -0.026 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Tgt Ion:264 Resp: 125725

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	19.8	17.8	26.6

