

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058563.D
 Acq On : 1 Aug 2023 15:19
 Operator : MA/JU
 Sample : 03771-01DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PATERSON-GSMP-COMPD

Quant Time: Aug 01 19:02:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

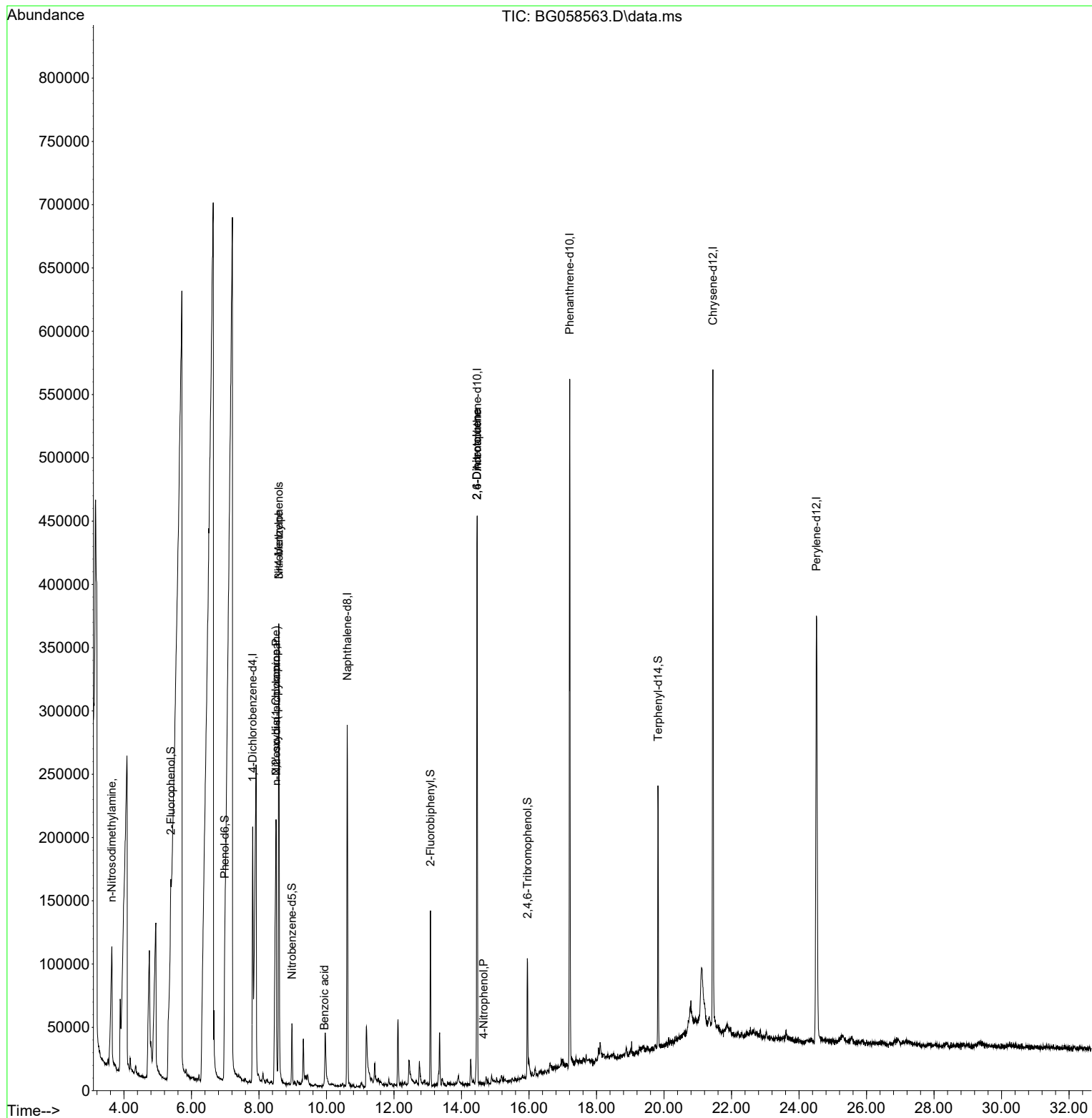
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	55609	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	240675	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	160986	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	349428	20.000	ng	0.00
76) Chrysene-d12	21.449	240	303968	20.000	ng	0.00
86) Perylene-d12	24.516	264	383308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.391	112	14888	4.092	ng	0.00
7) Phenol-d6	6.989	99	12826	2.534	ng	0.00
23) Nitrobenzene-d5	8.975	82	30594	6.245	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	22256	8.435	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	76193	7.093	ng	0.00
79) Terphenyl-d14	19.821	244	105972	6.556	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.640	42	12785	6.278	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.505	45	23384	3.692	ng	77
19) n-Nitroso-di-n-propyla...	8.511	70	15898	4.862	ng	# 44
20) 3+4-Methylphenols	8.587	107	180990	37.004	ng	90
24) Nitrobenzene	8.587	77	52889	10.619	ng	# 45
32) Benzoic acid	9.939	122	1685	5.118	ng	85
51) 2,6-Dinitrotoluene	14.457	165	21120	7.961	ng	# 25
56) 4-Nitrophenol	14.657	139	54	3.351	ng	# 69
57) 2,4-Dinitrotoluene	14.457	165	21120	5.742	ng	# 26

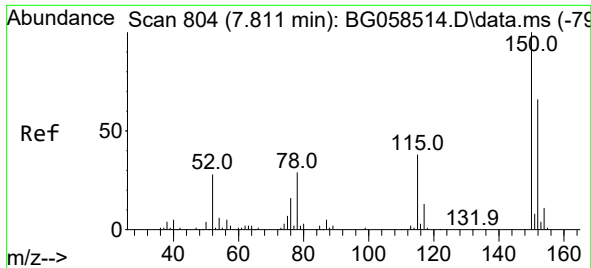
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
Data File : BG058563.D
Acq On : 1 Aug 2023 15:19
Operator : MA/JU
Sample : 03771-01DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL

Quant Time: Aug 01 19:02:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

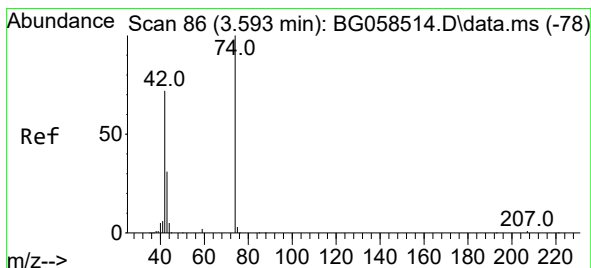
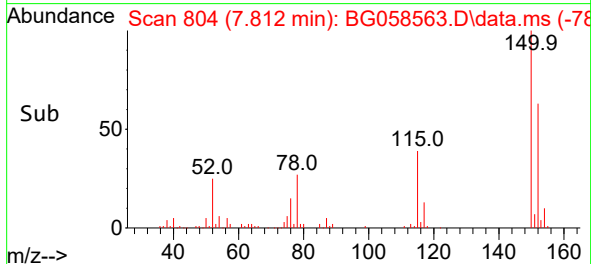
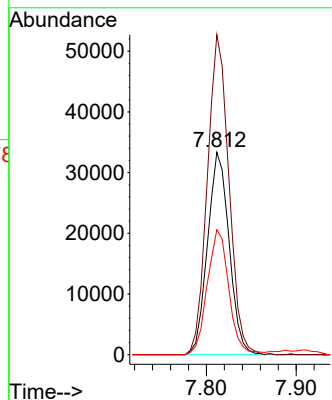
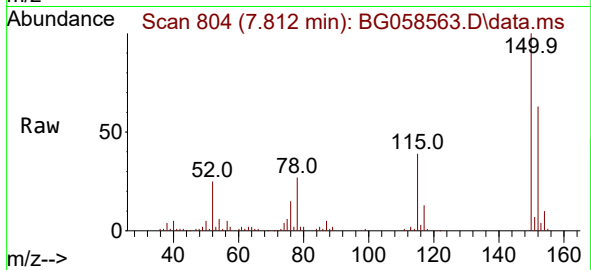




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

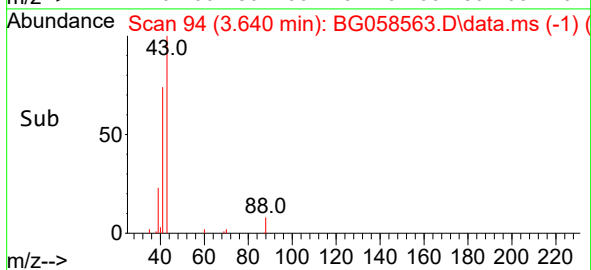
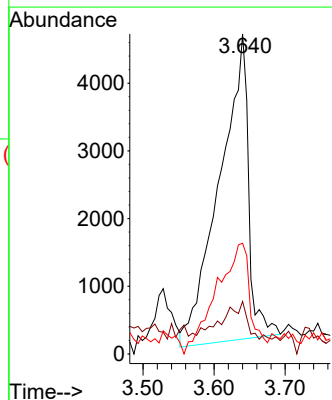
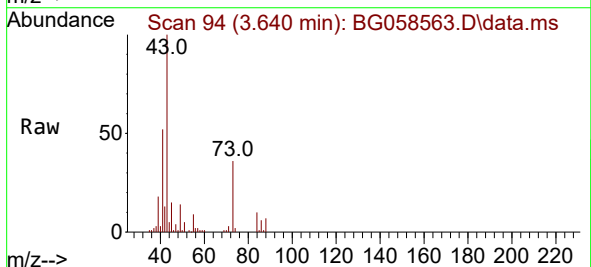
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL

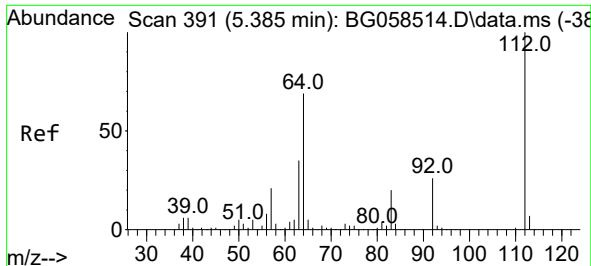
Tgt Ion:152 Resp: 55609
Ion Ratio Lower Upper
152 100
150 158.1 120.5 180.7
115 61.7 45.9 68.9



#4
n-Nitrosodimethylamine
Concen: 6.278 ng
RT: 3.640 min Scan# 94
Delta R.T. 0.047 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion: 42 Resp: 12785
Ion Ratio Lower Upper
42 100
74 16.4 111.5 167.3#
44 34.6 5.4 8.2#

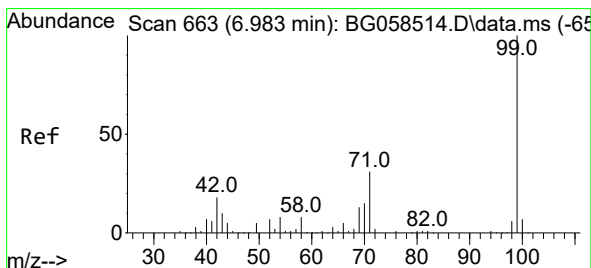
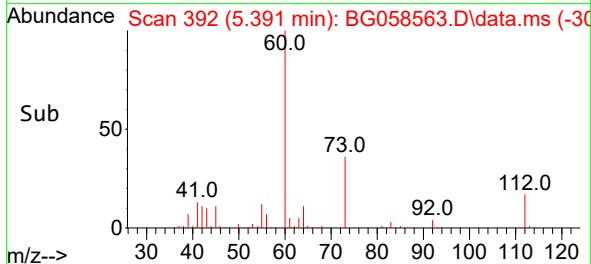
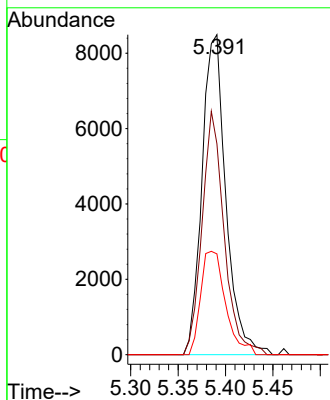
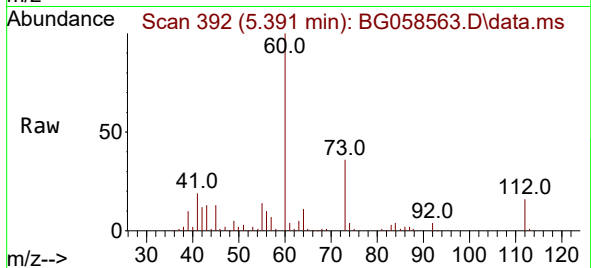




#5
2-Fluorophenol
Concen: 4.092 ng
RT: 5.391 min Scan# 391
Delta R.T. 0.006 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

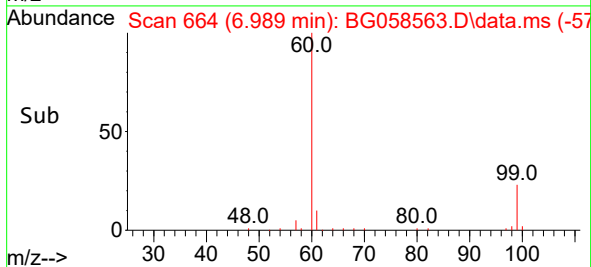
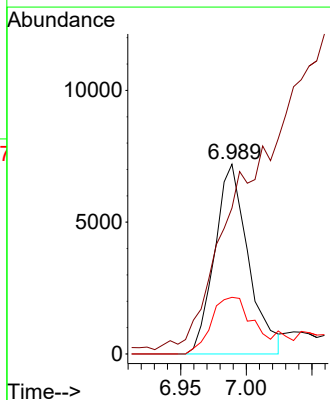
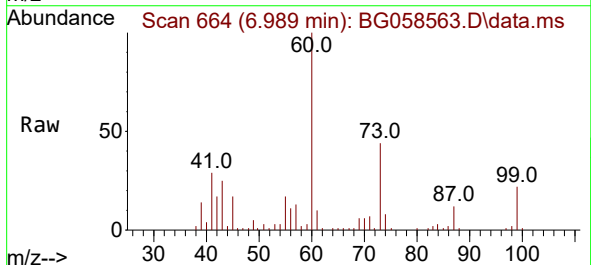
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL

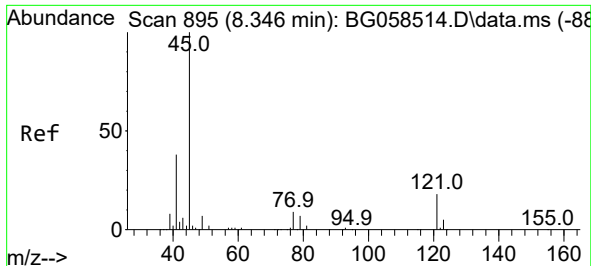
Tgt Ion:112 Resp: 14888
Ion Ratio Lower Upper
112 100
64 65.9 55.3 82.9
63 31.5 28.3 42.5



#7
Phenol-d6
Concen: 2.534 ng
RT: 6.989 min Scan# 664
Delta R.T. 0.006 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion: 99 Resp: 12826
Ion Ratio Lower Upper
99 100
42 76.9 14.6 21.8#
71 29.8 25.0 37.4

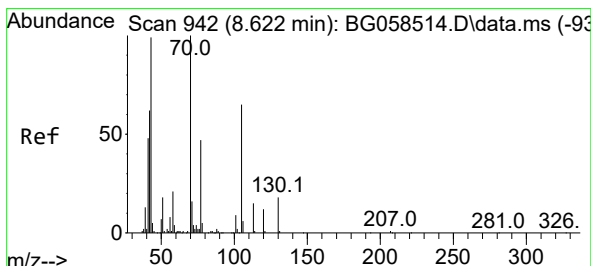
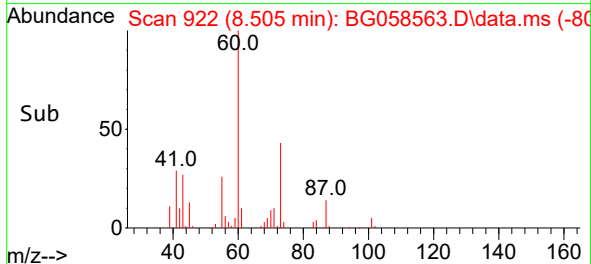
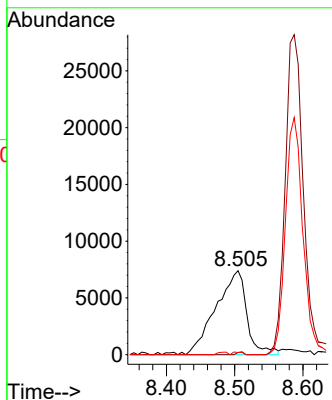
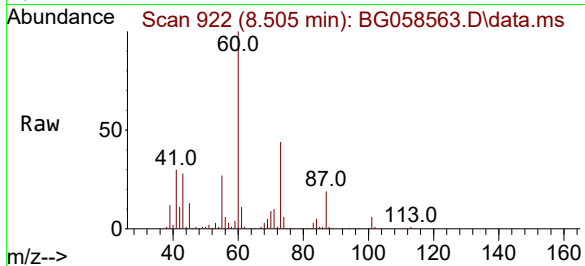




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.692 ng
RT: 8.505 min Scan# 91
Delta R.T. 0.159 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

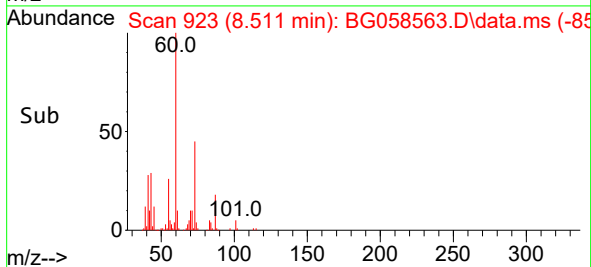
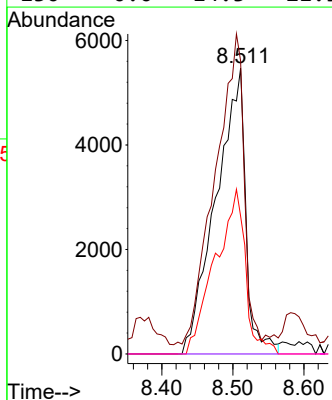
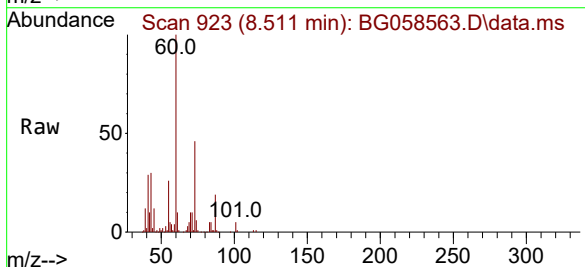
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPD

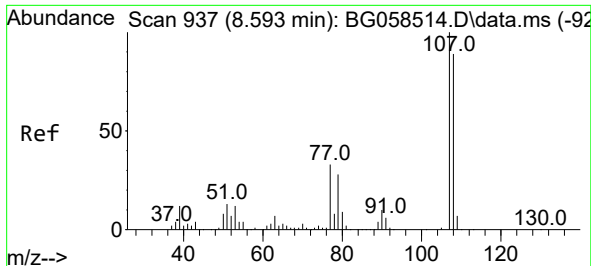
Tgt Ion: 45 Resp: 23384
Ion Ratio Lower Upper
45 100
77 2.7 0.0 32.6
79 2.5 0.0 30.2



#19
n-Nitroso-di-n-propylamine
Concen: 4.862 ng
RT: 8.511 min Scan# 923
Delta R.T. -0.111 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion: 70 Resp: 15898
Ion Ratio Lower Upper
70 100
42 102.6 49.7 74.5#
101 48.3 7.0 10.4#
130 0.0 14.3 21.5#

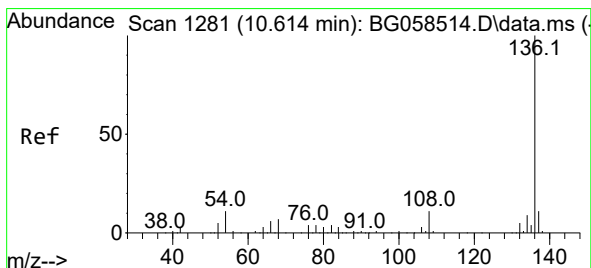
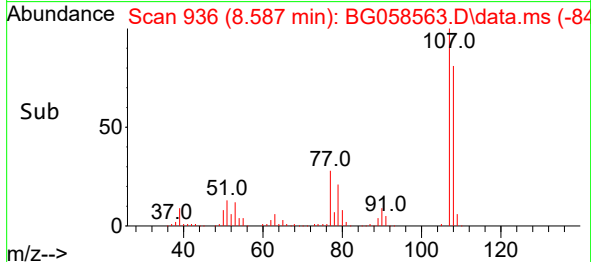
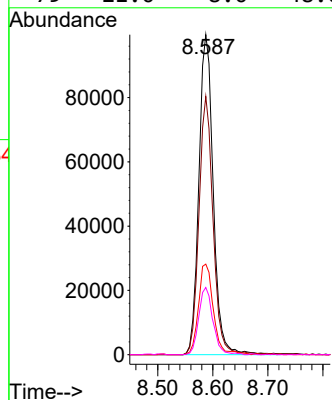
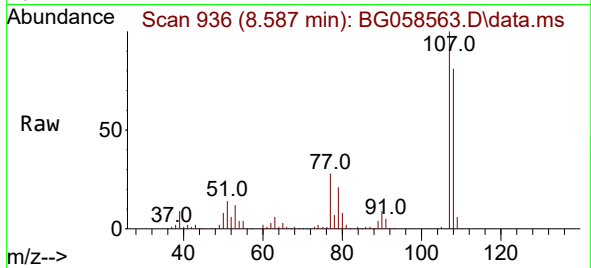




#20
3+4-Methylphenols
Concen: 37.004 ng
RT: 8.587 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

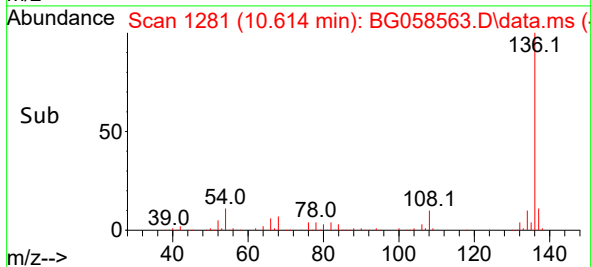
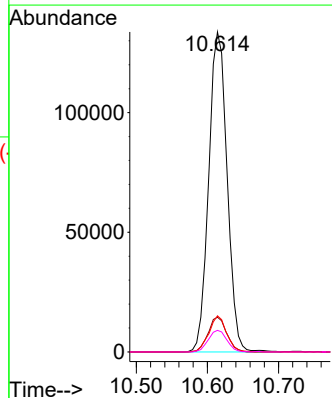
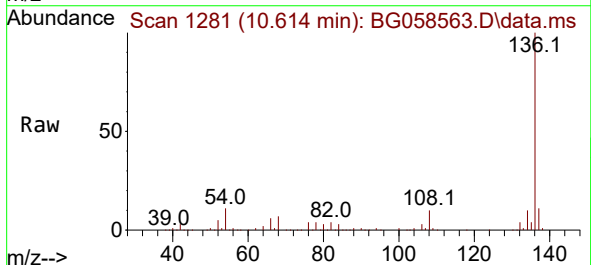
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPD

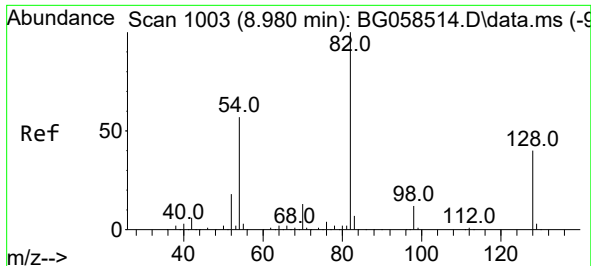
Tgt Ion:107 Resp: 180990
Ion Ratio Lower Upper
107 100
108 80.7 69.4 109.4
77 28.3 13.0 53.0
79 21.0 8.0 48.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion:136 Resp: 240675
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.3 8.9 13.3
68 6.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 6.245 ng

RT: 8.975 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG058563.D

Acq: 1 Aug 2023 15:19

Instrument :

BNA_G

ClientSampleId :

PATERSON-GSMP-COMPDL

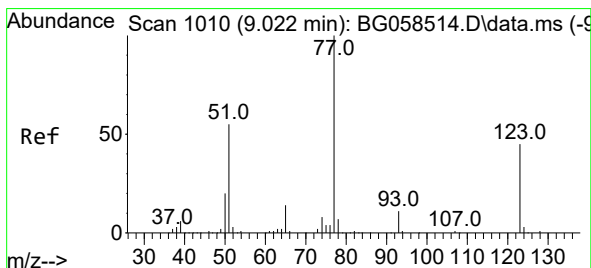
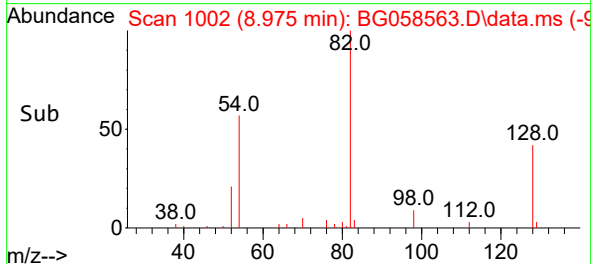
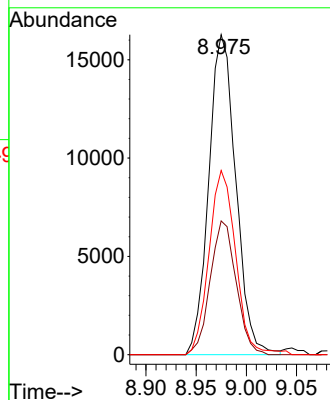
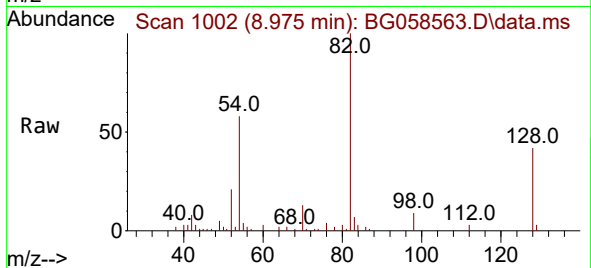
Tgt Ion: 82 Resp: 30594

Ion Ratio Lower Upper

82 100

128 41.8 32.2 48.2

54 57.6 46.0 69.0



#24

Nitrobenzene

Concen: 10.619 ng

RT: 8.587 min Scan# 936

Delta R.T. -0.434 min

Lab File: BG058563.D

Acq: 1 Aug 2023 15:19

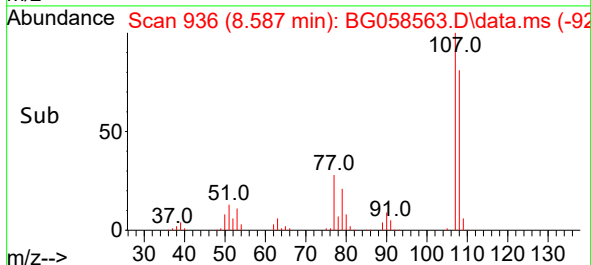
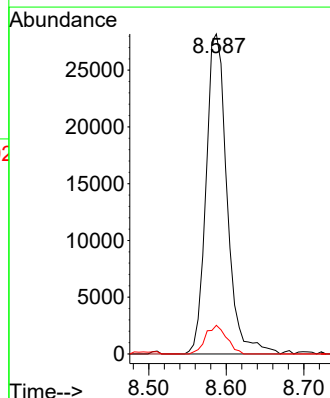
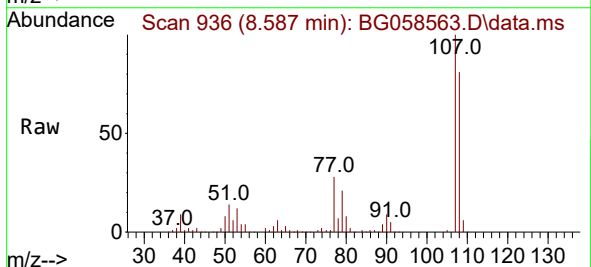
Tgt Ion: 77 Resp: 52889

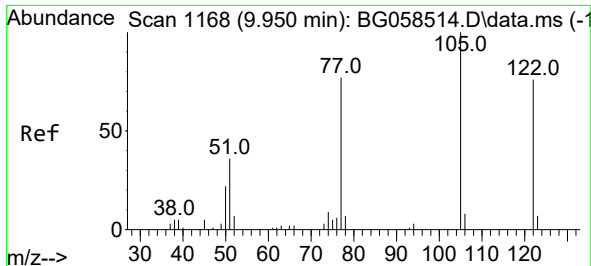
Ion Ratio Lower Upper

77 100

123 0.0 35.6 53.4#

65 8.9 11.4 17.0#

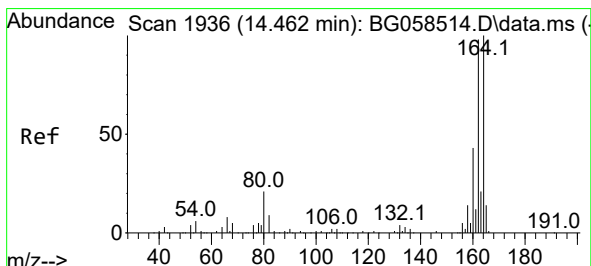
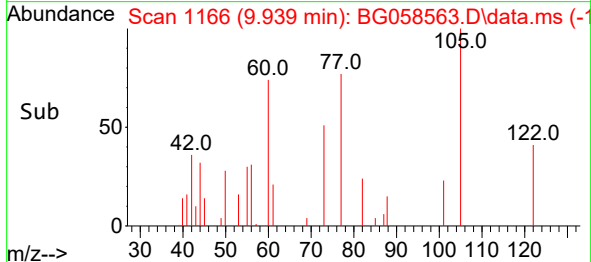
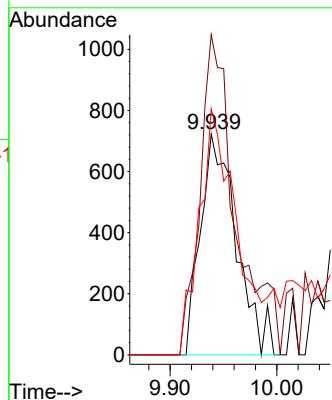
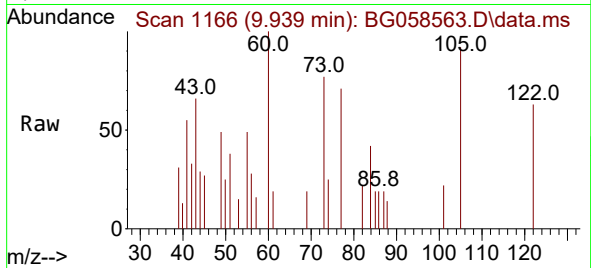




#32
Benzoic acid
Concen: 5.118 ng
RT: 9.939 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

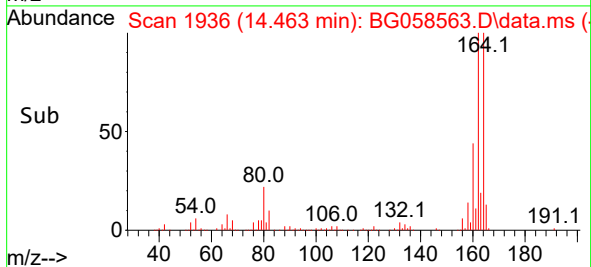
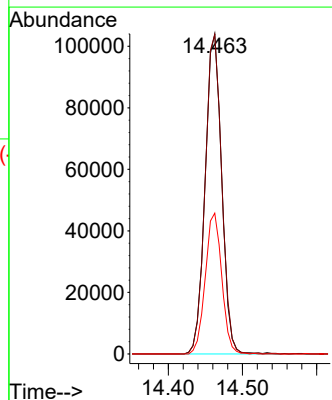
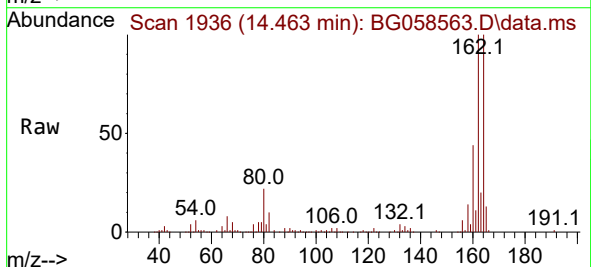
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL

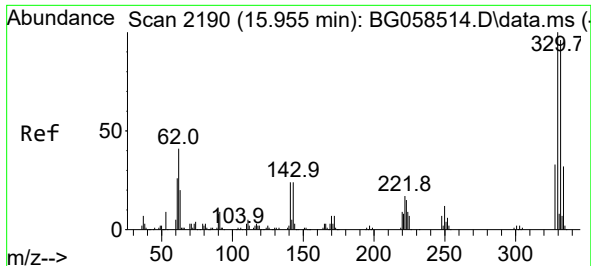
Tgt Ion:122 Resp: 1685
Ion Ratio Lower Upper
122 100
105 145.0 106.5 146.5
77 111.3 78.1 118.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

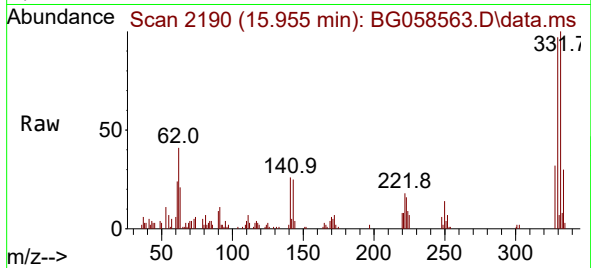
Tgt Ion:164 Resp: 160986
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 44.0 34.1 51.1



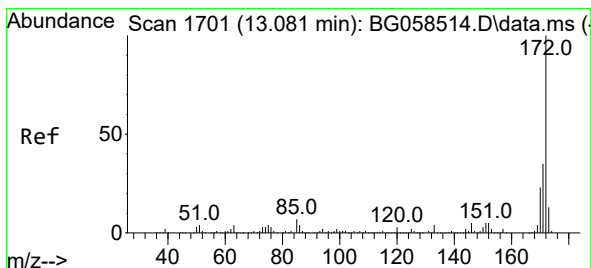
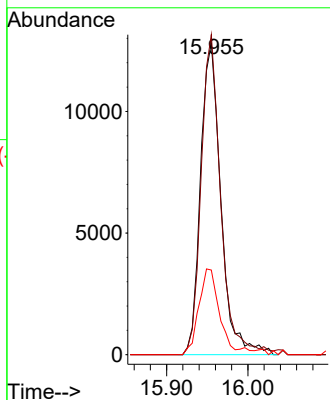
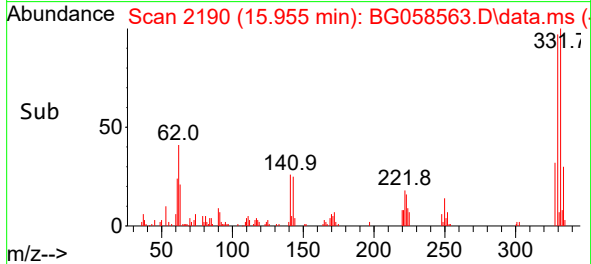


#42
2,4,6-Tribromophenol
Concen: 8.435 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

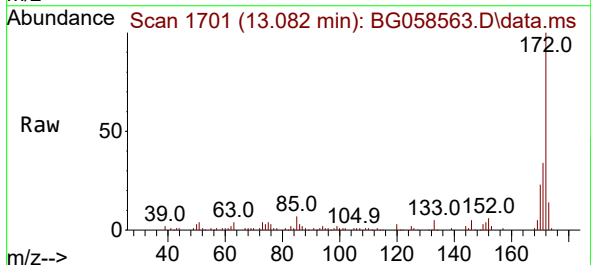
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPD



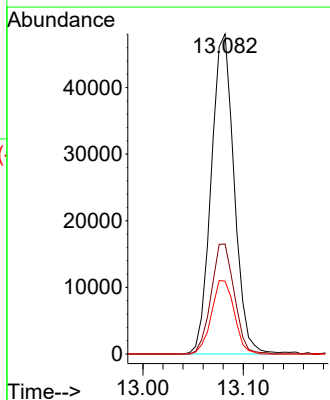
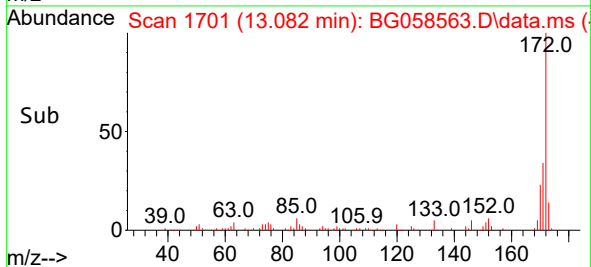
Tgt Ion:330 Resp: 22256
Ion Ratio Lower Upper
330 100
332 99.5 77.5 116.3
141 29.3 20.7 31.1

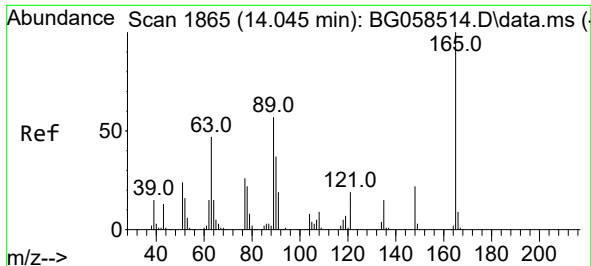


#45
2-Fluorobiphenyl
Concen: 7.093 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19



Tgt Ion:172 Resp: 76193
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 22.7 18.4 27.6

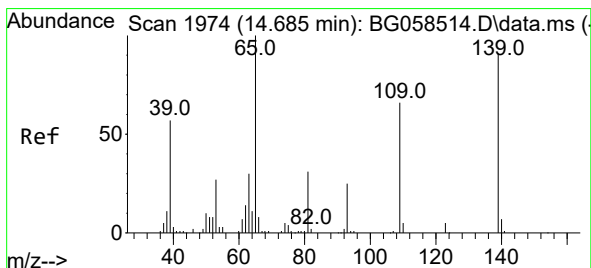
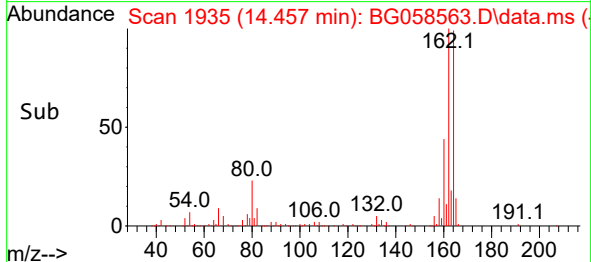
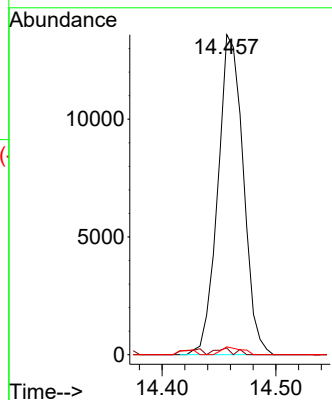
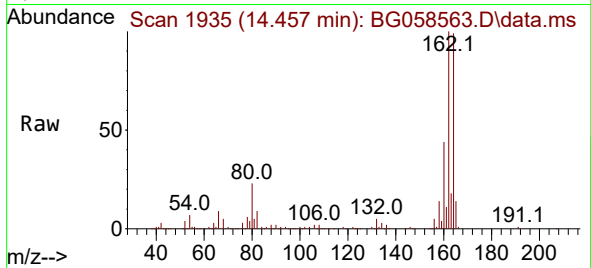




#51
2,6-Dinitrotoluene
Concen: 7.961 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

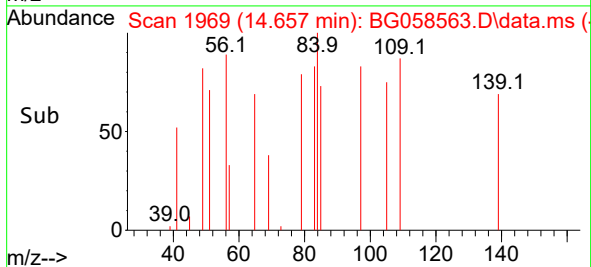
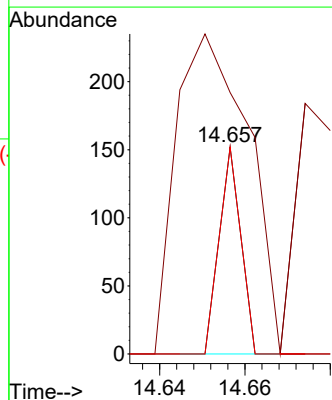
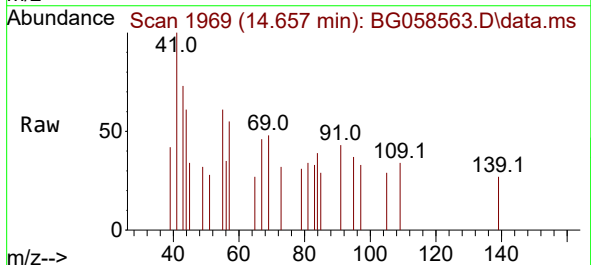
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL

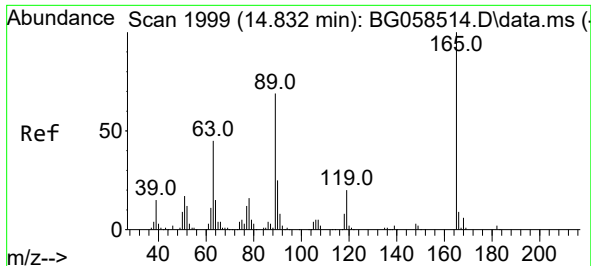
Tgt Ion:165 Resp: 21120
Ion Ratio Lower Upper
165 100
63 2.1 46.4 69.6#
89 2.5 45.3 67.9#



#56
4-Nitrophenol
Concen: 3.351 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.028 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 126.3 52.5 92.5#
65 100.0 90.5 130.5





#57

2,4-Dinitrotoluene

Concen: 5.742 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.375 min

Lab File: BG058563.D

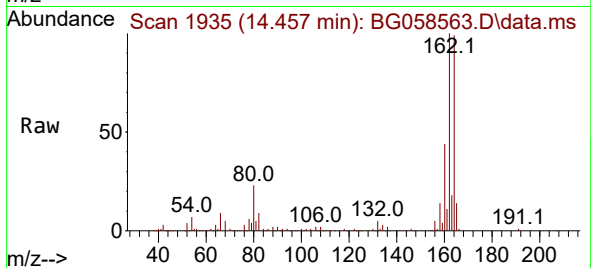
Acq: 1 Aug 2023 15:19

Instrument :

BNA_G

ClientSampleId :

PATERSON-GSMP-COMPD



Tgt Ion:165 Resp: 21120

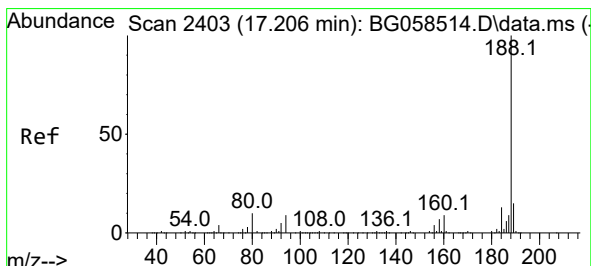
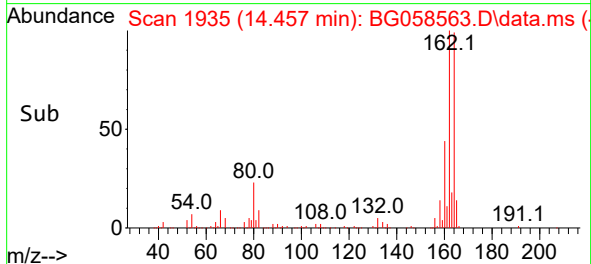
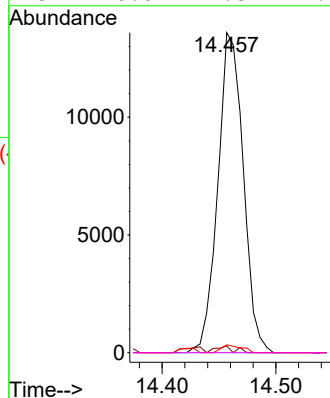
Ion Ratio Lower Upper

165 100

63 2.1 36.6 54.8#

89 2.5 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058563.D

Acq: 1 Aug 2023 15:19

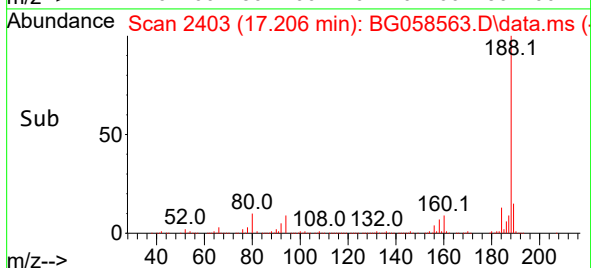
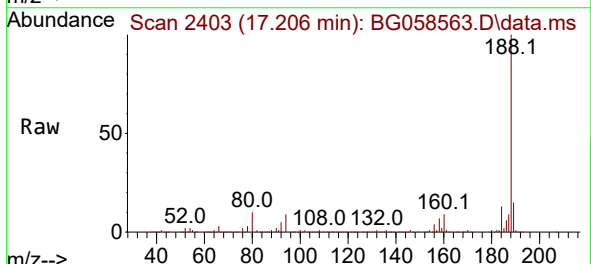
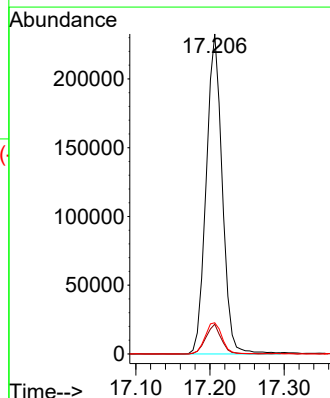
Tgt Ion:188 Resp: 349428

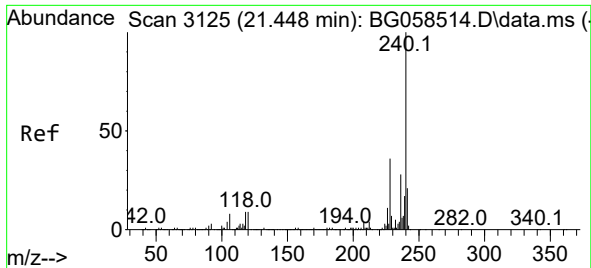
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.7 8.1 12.1

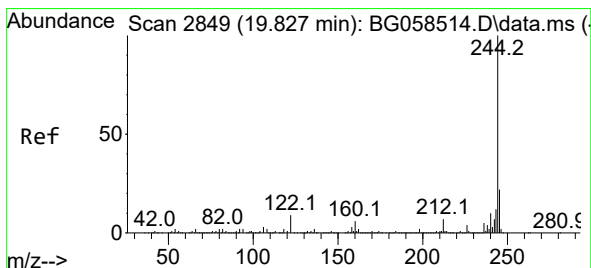
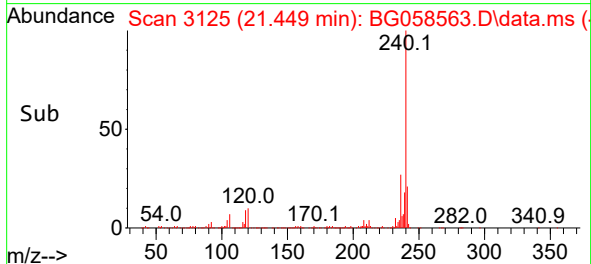
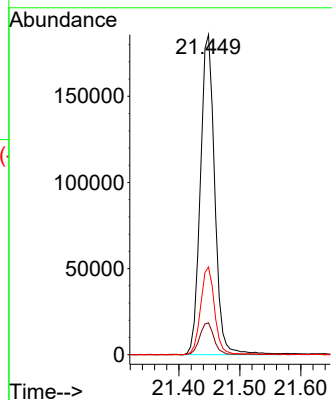
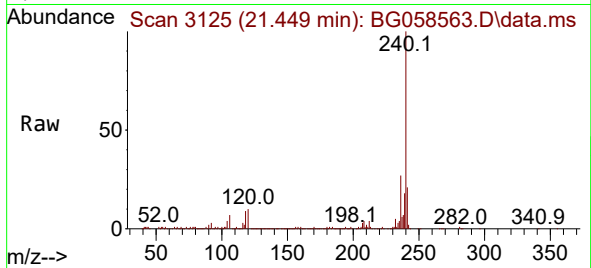




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

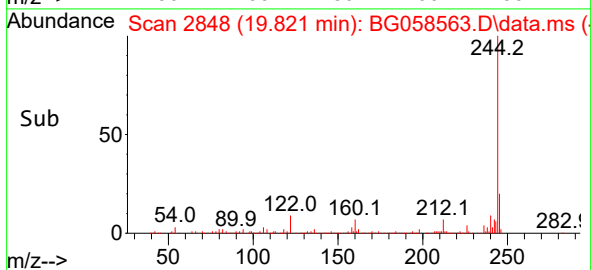
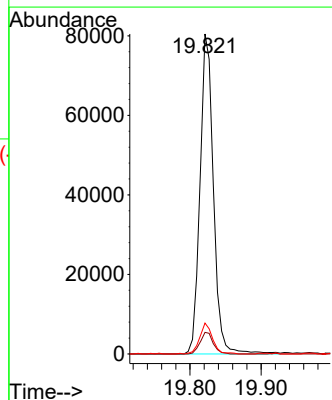
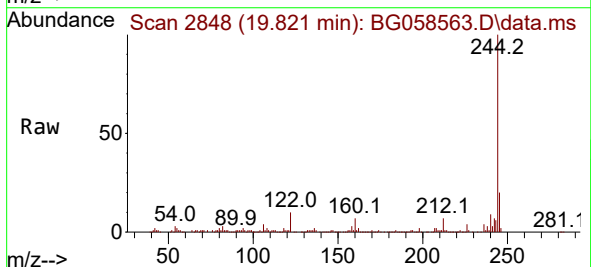
Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPD

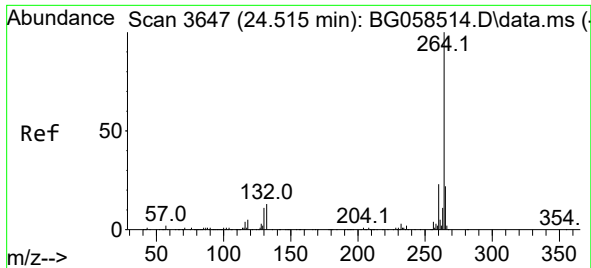
Tgt Ion:240 Resp: 303968
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 27.4 22.2 33.4



#79
Terphenyl-d14
Concen: 6.556 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.005 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

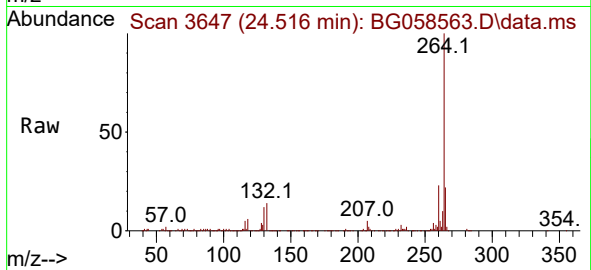
Tgt Ion:244 Resp: 105972
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.6 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.516 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG058563.D
Acq: 1 Aug 2023 15:19

Instrument :
BNA_G
ClientSampleId :
PATERSON-GSMP-COMPDL



Tgt Ion:264 Resp: 383308

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.7	17.9	26.9

