

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057172.D
 Acq On : 25 Apr 2023 11:53
 Operator : CG/JU
 Sample : 02423-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18

Quant Time: Apr 25 23:57:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

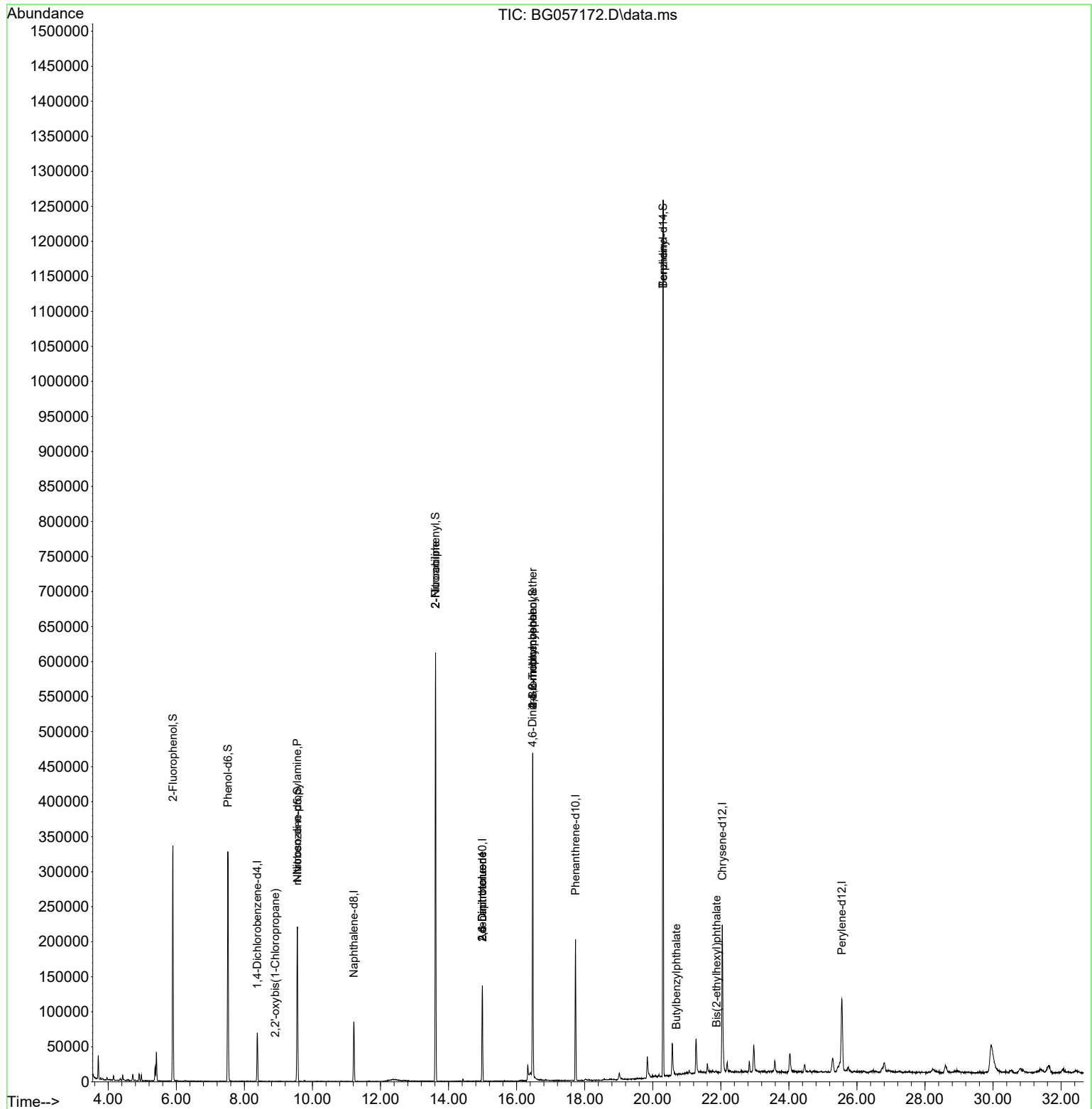
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	18661	20.000	ng	-0.01
21) Naphthalene-d8	11.216	136	70359	20.000	ng	-0.01
39) Acenaphthene-d10	14.993	164	49613	20.000	ng	-0.01
64) Phenanthrene-d10	17.731	188	128561	20.000	ng	-0.01
76) Chrysene-d12	22.043	240	125439	20.000	ng	-0.02
86) Perylene-d12	25.555	264	124064	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	138964	134.948	ng	0.00
7) Phenol-d6	7.515	99	183536	123.185	ng	0.00
23) Nitrobenzene-d5	9.559	82	142728	100.285	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	88619	135.379	ng	-0.01
45) 2-Fluorobiphenyl	13.619	172	312317	84.600	ng	-0.01
79) Terphenyl-d14	20.304	244	626014	87.291	ng	-0.01
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.907	45	188	5.554	ng	61
19) n-Nitroso-di-n-propyla...	9.554	70	19738	21.299	ng	# 86
48) 2-Nitroaniline	13.619	65	636	5.450	ng	# 1
51) 2,6-Dinitrotoluene	14.993	165	6340	8.723	ng	# 21
57) 2,4-Dinitrotoluene	14.993	165	6340	6.405	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.468	198	204	5.152	ng	# 1
67) 4-Bromophenyl-phenylether	16.474	248	6368	4.119	ng	# 1
77) Benzidine	20.304	184	10637	5.627	ng	# 93
80) Butylbenzylphthalate	20.697	149	62	3.240	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.878	149	743	3.731	ng	# 53

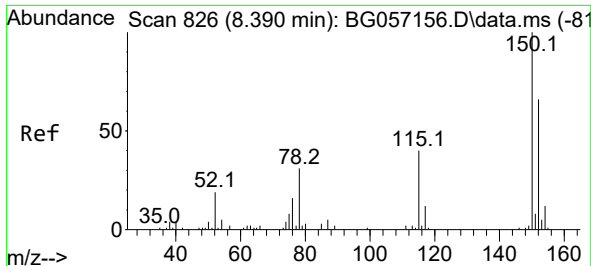
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
Data File : BG057172.D
Acq On : 25 Apr 2023 11:53
Operator : CG/JU
Sample : 02423-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

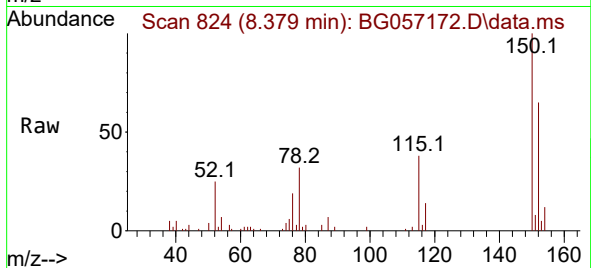
Quant Time: Apr 25 23:57:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 04:59:02 2023
Response via : Initial Calibration



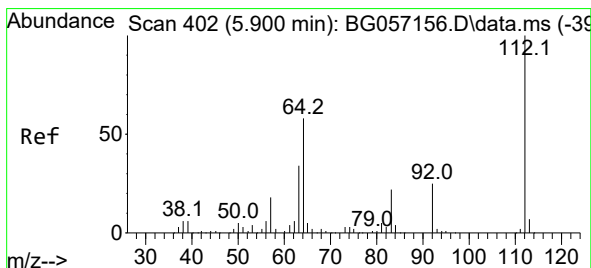
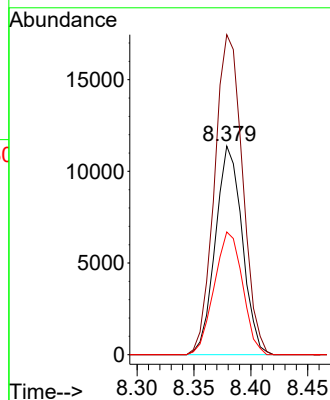
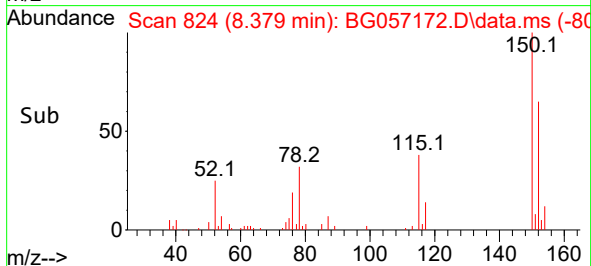


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

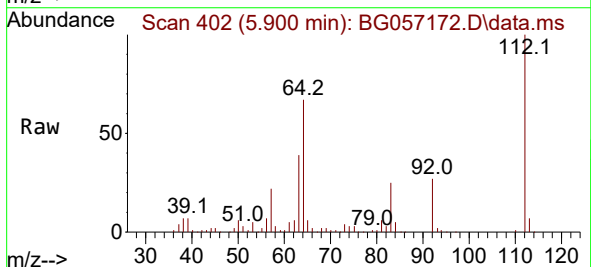
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18



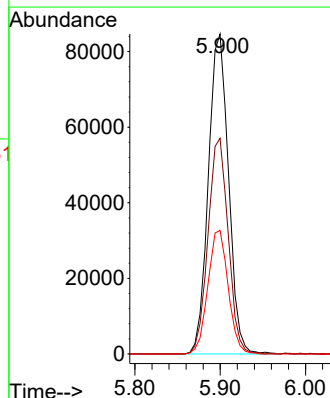
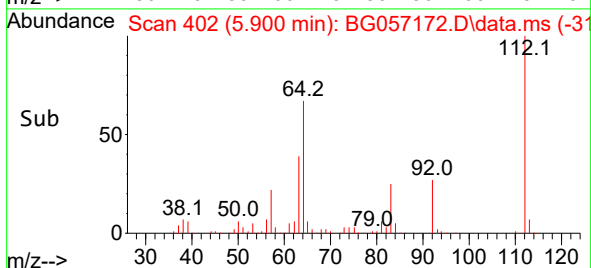
Tgt Ion:152 Resp: 18661
Ion Ratio Lower Upper
152 100
150 153.3 121.4 182.2
115 58.8 48.1 72.1

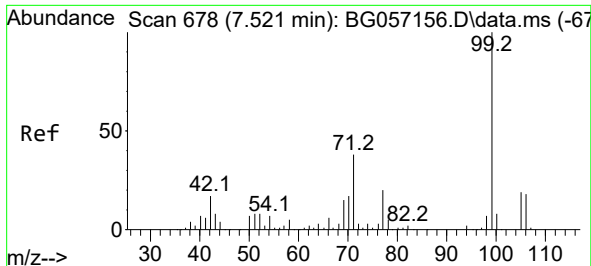


#5
2-Fluorophenol
Concen: 134.948 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53



Tgt Ion:112 Resp: 138964
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 38.6 26.9 40.3

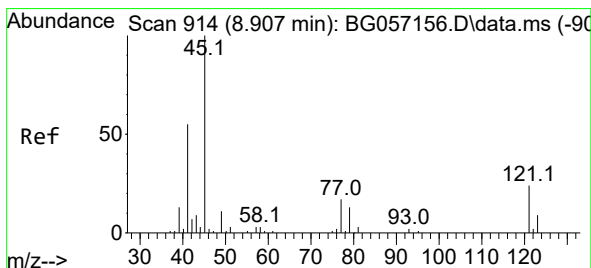
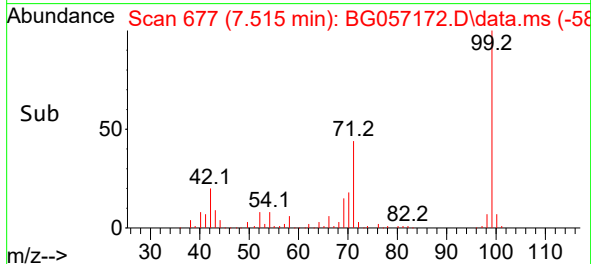
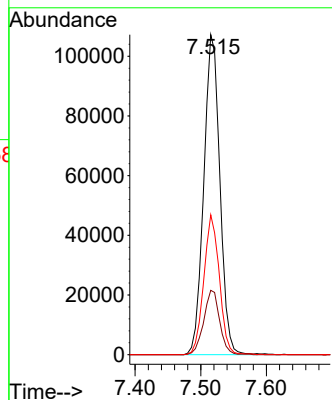
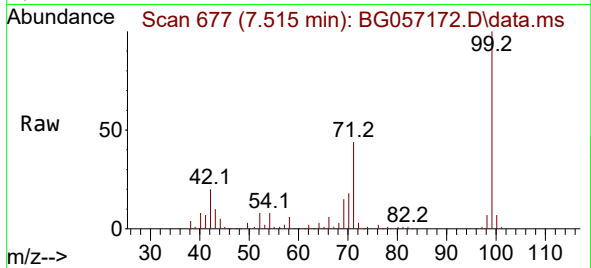




#7
Phenol-d6
Concen: 123.185 ng
RT: 7.515 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

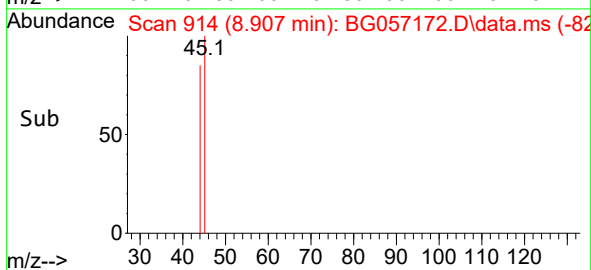
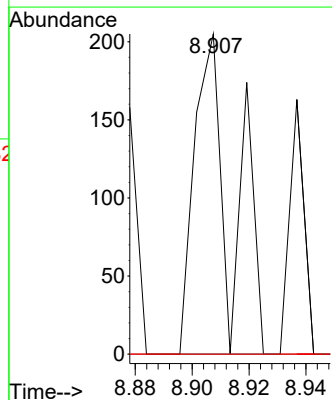
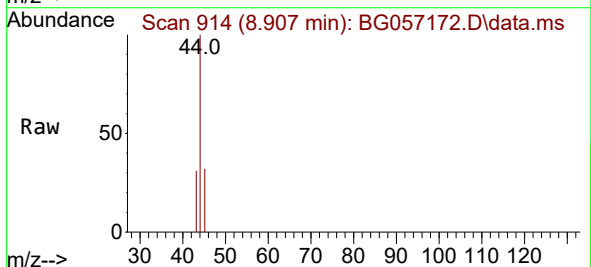
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

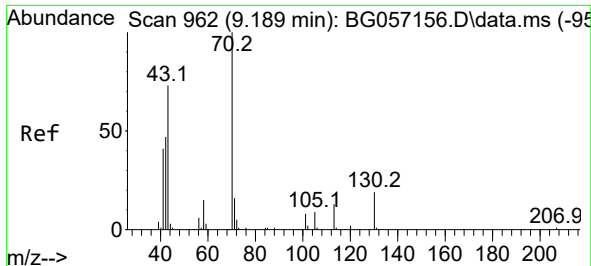
Tgt Ion: 99 Resp: 183536
Ion Ratio Lower Upper
99 100
42 20.1 13.4 20.0#
71 43.7 30.2 45.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.554 ng
RT: 8.907 min Scan# 914
Delta R.T. 0.000 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

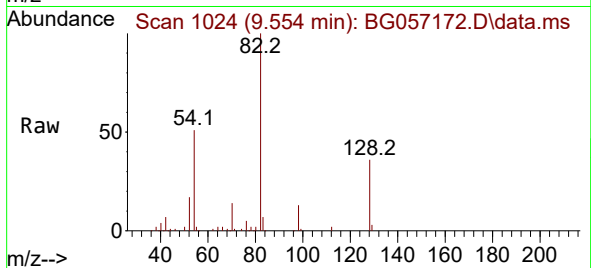
Tgt Ion: 45 Resp: 188
Ion Ratio Lower Upper
45 100
77 0.0 0.0 38.7
79 0.0 0.0 34.9



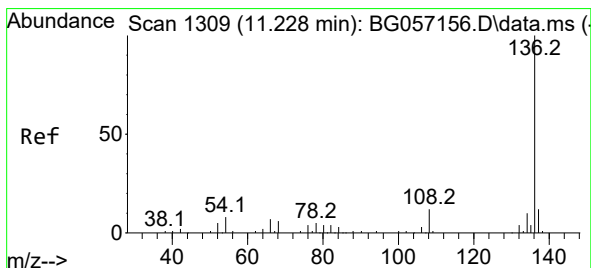
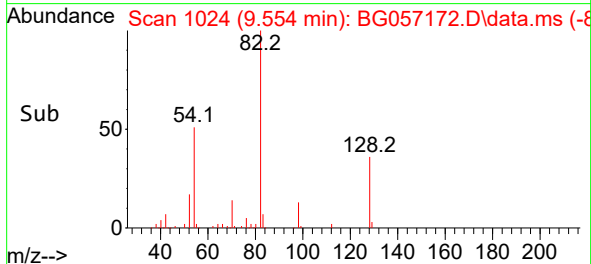
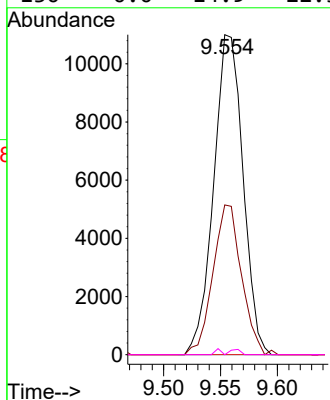


#19
n-Nitroso-di-n-propylamine
Concen: 21.299 ng
RT: 9.554 min Scan# 1024
Delta R.T. 0.365 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

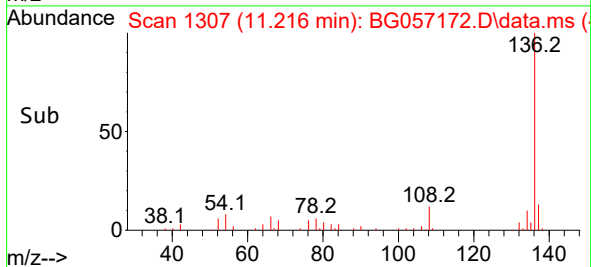
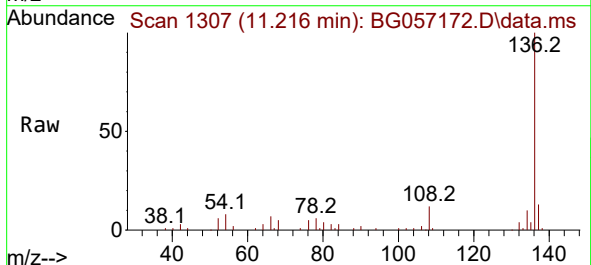
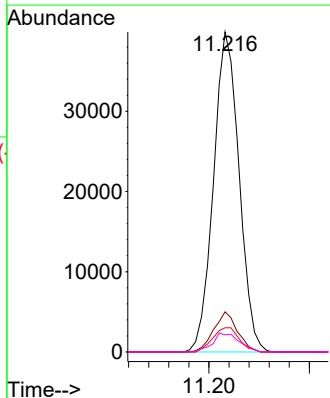


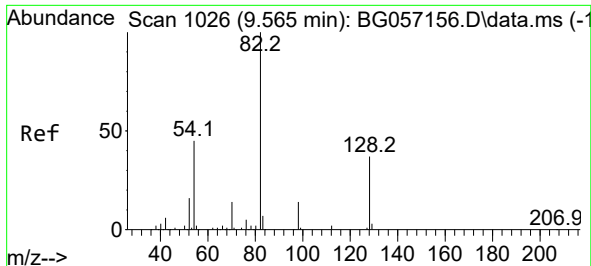
Tgt Ion: 70	Resp: 19738
Ion Ratio	Lower Upper
70 100	
42 46.8	38.0 57.0
101 0.0	6.6 9.8#
130 0.0	14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt	Ion:136	Resp:	70359
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	7.6	6.4	9.6
68	5.3	4.9	7.3





#23

Nitrobenzene-d5

Concen: 100.285 ng

RT: 9.559 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BG057172.D

Acq: 25 Apr 2023 11:53

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18

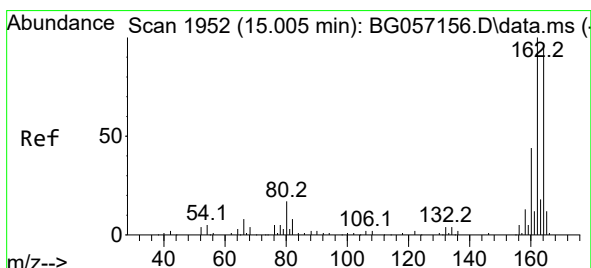
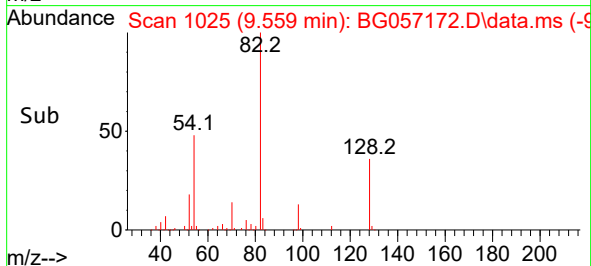
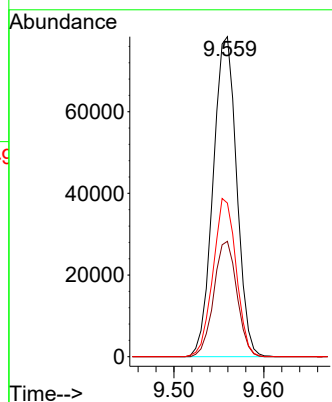
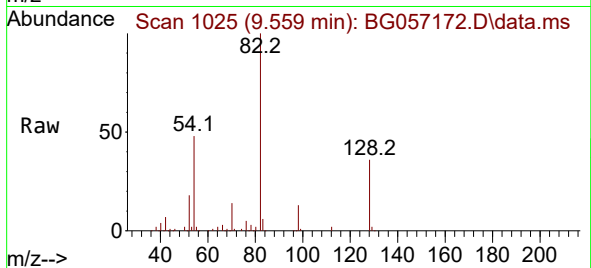
Tgt Ion: 82 Resp: 142728

Ion Ratio Lower Upper

82 100

128 36.1 29.4 44.2

54 48.0 36.2 54.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.993 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BG057172.D

Acq: 25 Apr 2023 11:53

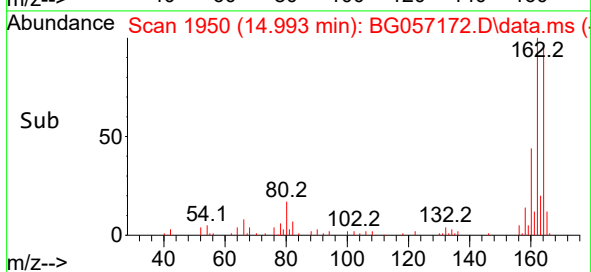
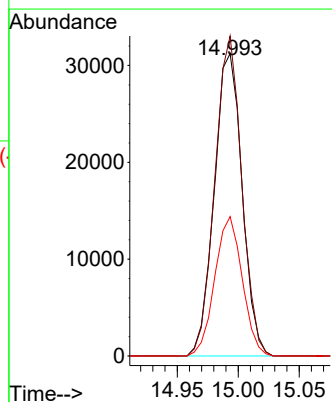
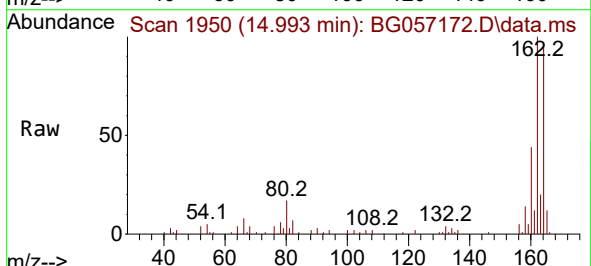
Tgt Ion: 164 Resp: 49613

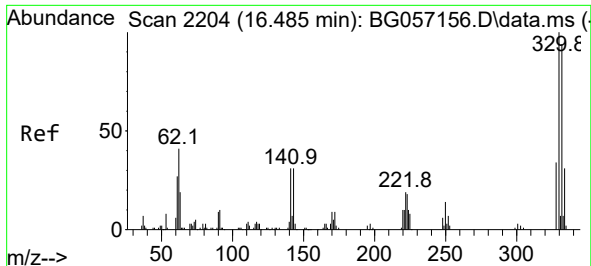
Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

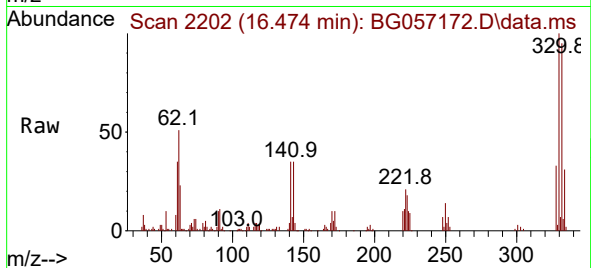
160 46.1 36.2 54.2



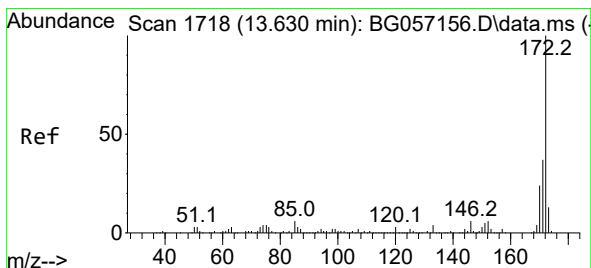
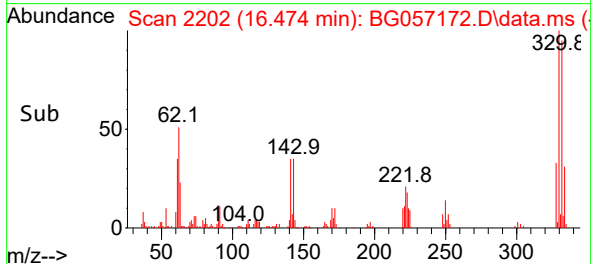
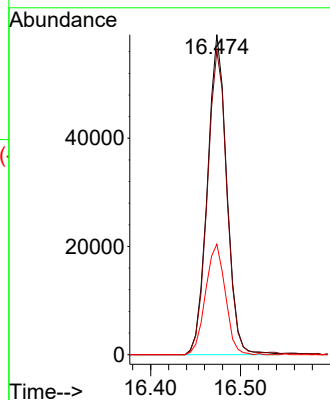


#42
2,4,6-Tribromophenol
Concen: 135.379 ng
RT: 16.474 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

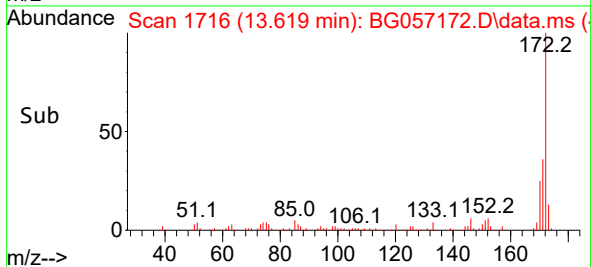
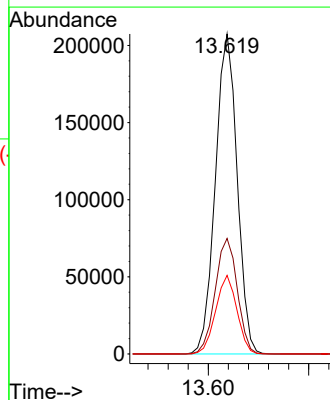
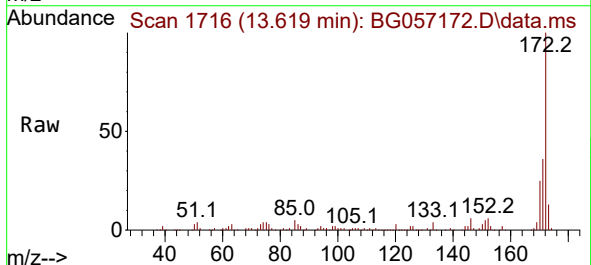


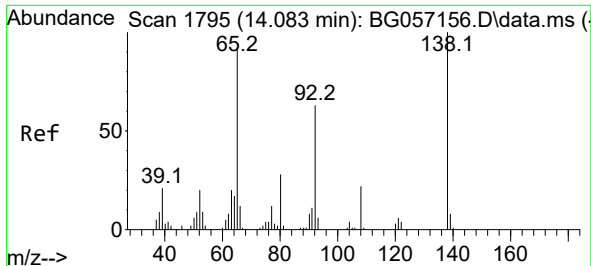
Tgt Ion:330 Resp: 88619
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 35.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 84.600 ng
RT: 13.619 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion:172 Resp: 312317
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.6 19.4 29.2

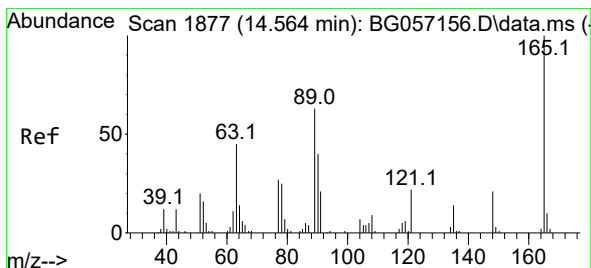
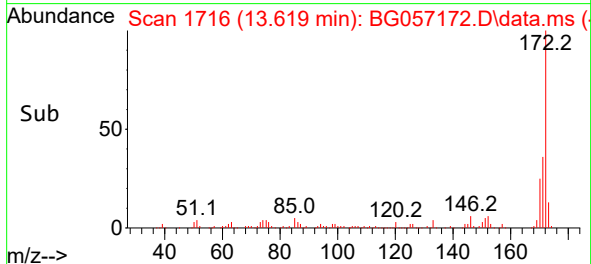
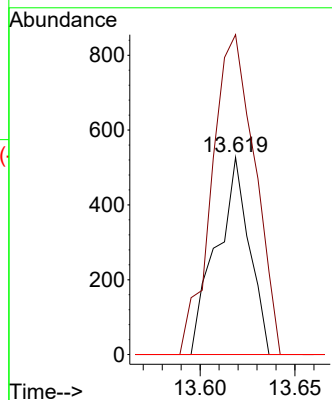
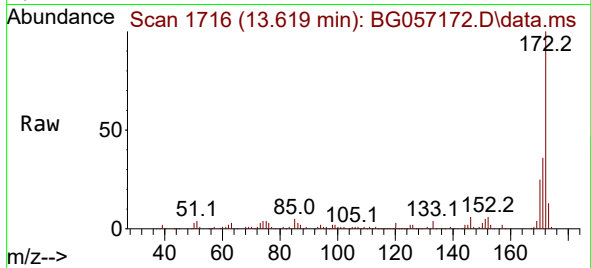




#48
2-Nitroaniline
Concen: 5.450 ng
RT: 13.619 min Scan# 11
Delta R.T. -0.464 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

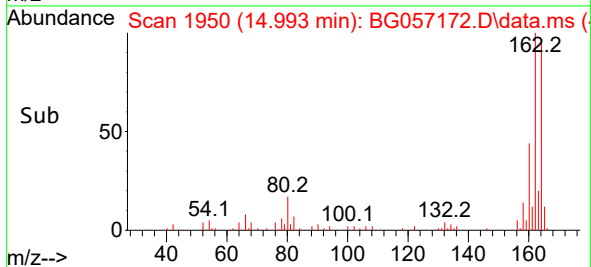
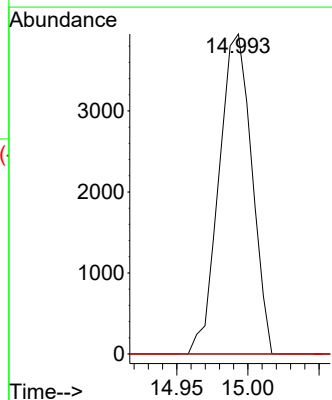
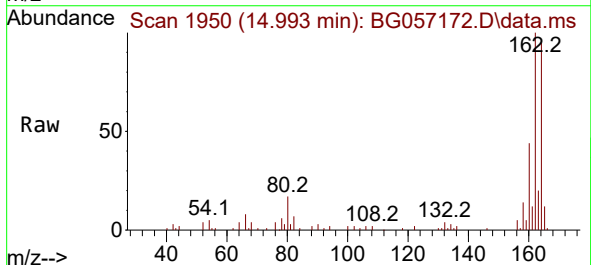
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

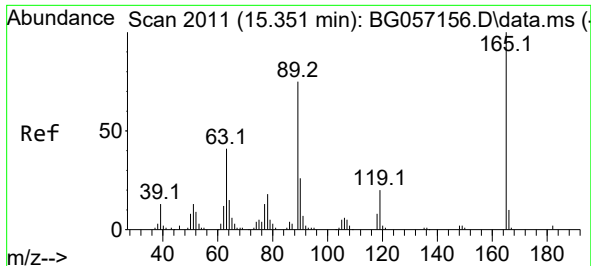
Tgt Ion: 65 Resp: 636
Ion Ratio Lower Upper
65 100
92 162.2 54.9 82.3#
138 0.0 86.6 129.8#



#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 14.993 min Scan# 1950
Delta R.T. 0.429 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion:165 Resp: 6340
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#





#57

2,4-Dinitrotoluene

Concen: 6.405 ng

RT: 14.993 min Scan# 1950

Delta R.T. -0.358 min

Lab File: BG057172.D

Acq: 25 Apr 2023 11:53

Instrument :

BNA_G

ClientSampleId :

SPD-1WC-23-04-18

Tgt Ion:165 Resp: 6340

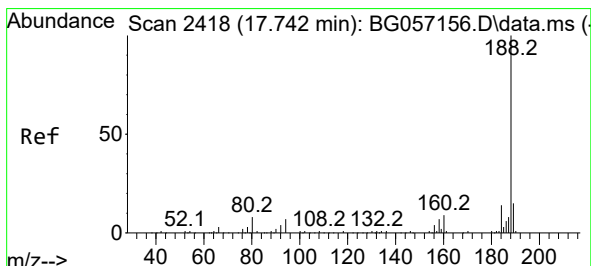
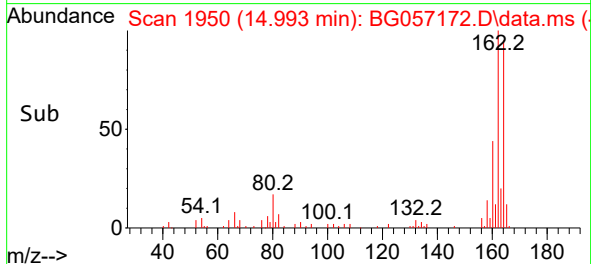
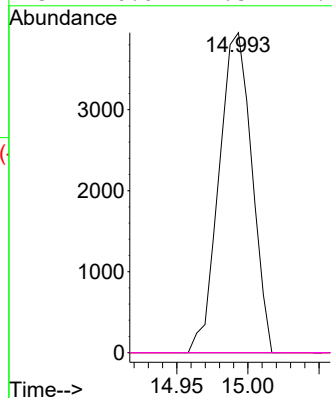
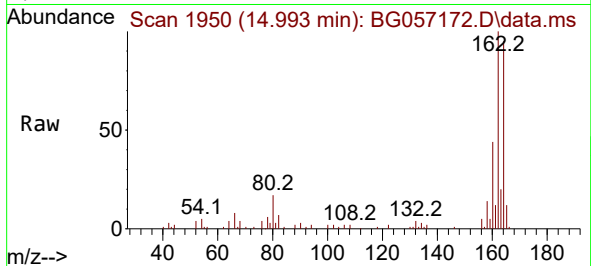
Ion Ratio Lower Upper

165 100

63 0.0 33.0 49.4#

89 0.0 60.0 90.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.731 min Scan# 2416

Delta R.T. -0.011 min

Lab File: BG057172.D

Acq: 25 Apr 2023 11:53

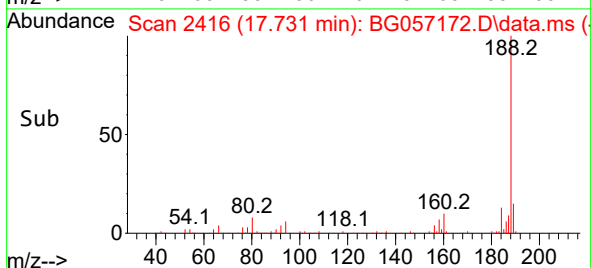
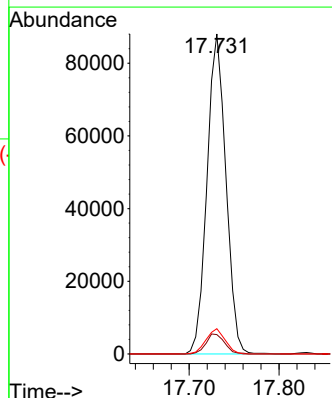
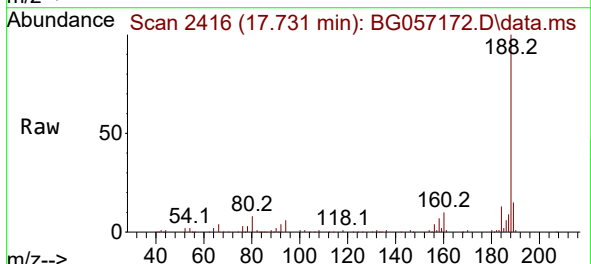
Tgt Ion:188 Resp: 128561

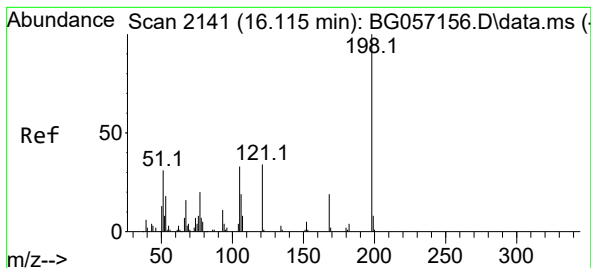
Ion Ratio Lower Upper

188 100

94 6.1 5.4 8.0

80 7.9 6.2 9.2

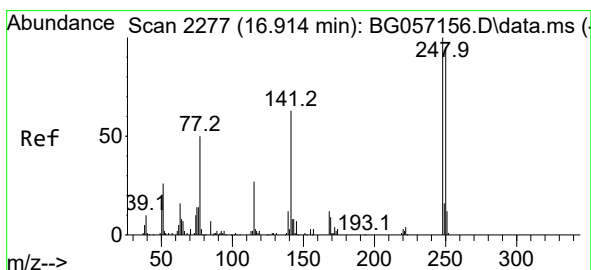
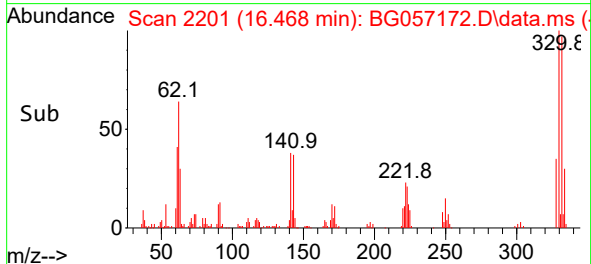
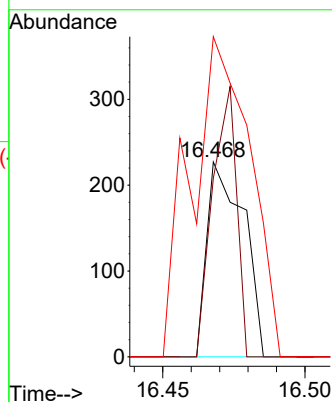
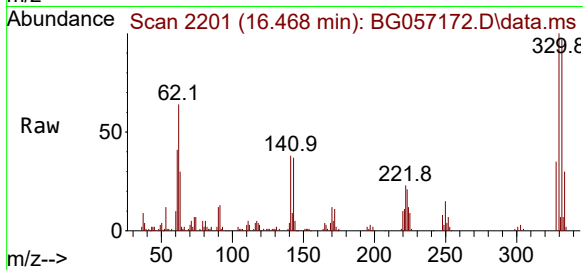




#65
4,6-Dinitro-2-methylphenol
Concen: 5.152 ng
RT: 16.468 min Scan# 2141
Delta R.T. 0.353 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

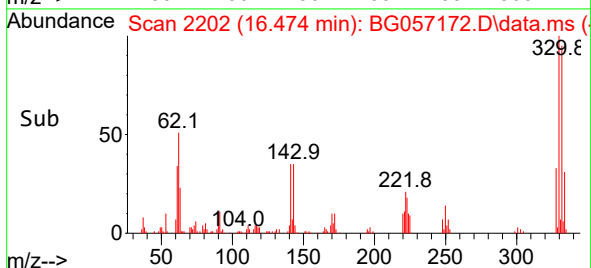
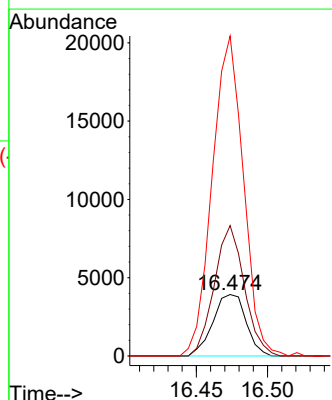
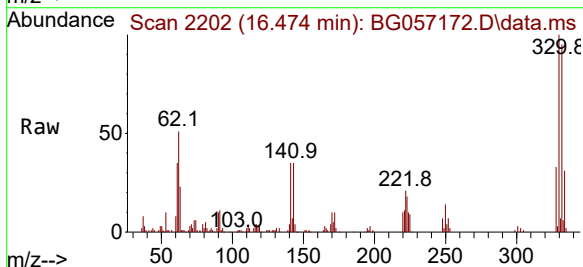
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

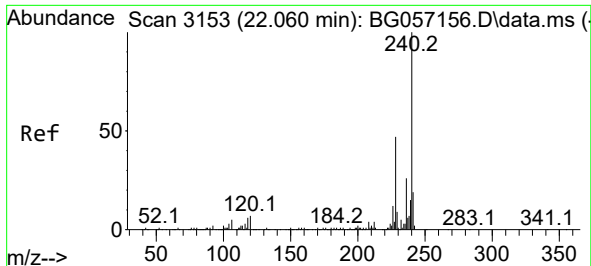
Tgt Ion:198 Resp: 204
Ion Ratio Lower Upper
198 100
51 91.6 13.1 53.1#
105 164.3 14.1 54.1#



#67
4-Bromophenyl-phenylether
Concen: 4.119 ng
RT: 16.474 min Scan# 2202
Delta R.T. -0.440 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion:248 Resp: 6368
Ion Ratio Lower Upper
248 100
250 212.4 75.8 113.8#
141 521.4 50.1 75.1#

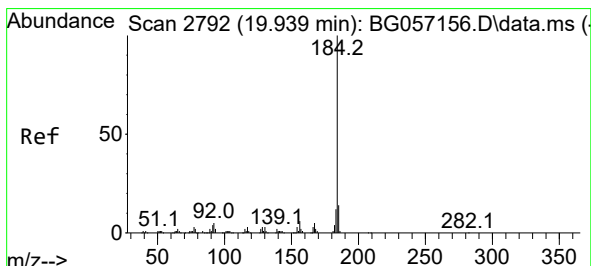
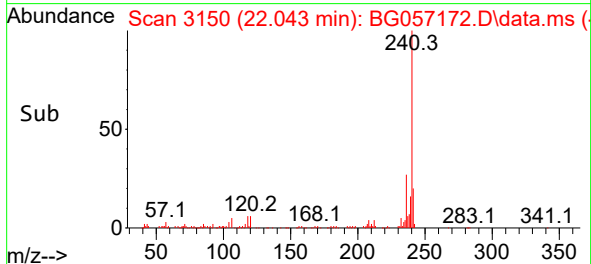
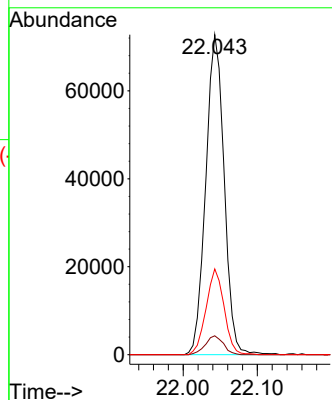
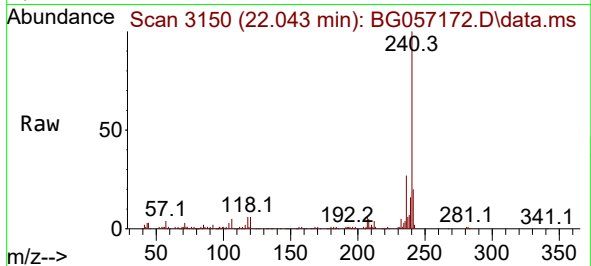




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3153
Delta R.T. -0.017 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

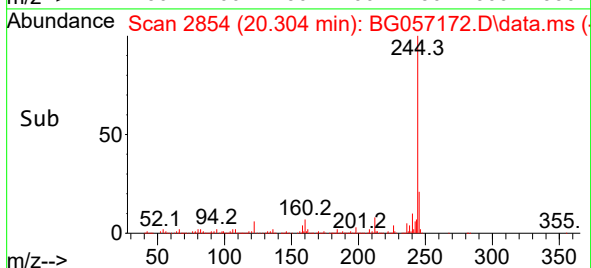
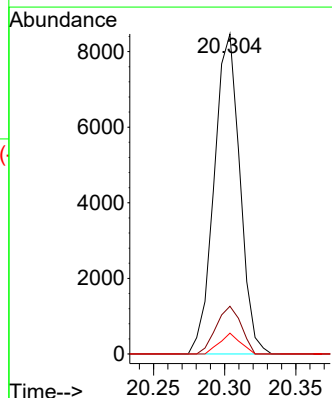
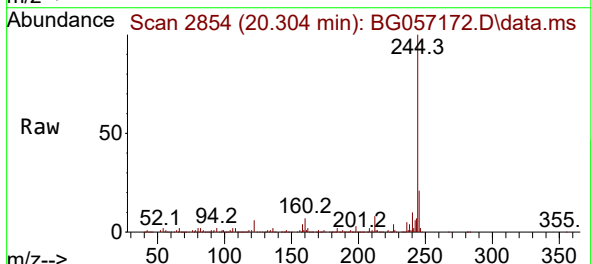
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

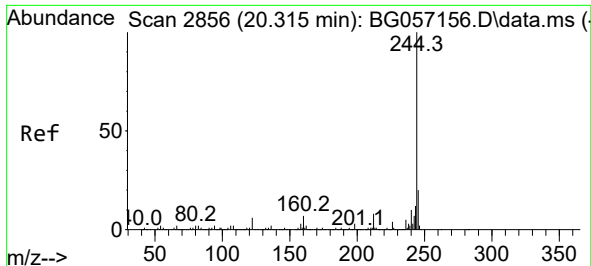
Tgt Ion:240 Resp: 125439
Ion Ratio Lower Upper
240 100
120 5.9 5.5 8.3
236 26.8 20.8 31.2



#77
Benzidine
Concen: 5.627 ng
RT: 20.304 min Scan# 2854
Delta R.T. 0.364 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion:184 Resp: 10637
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 6.5 9.4 14.0#

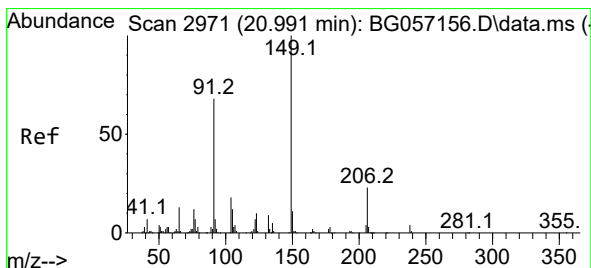
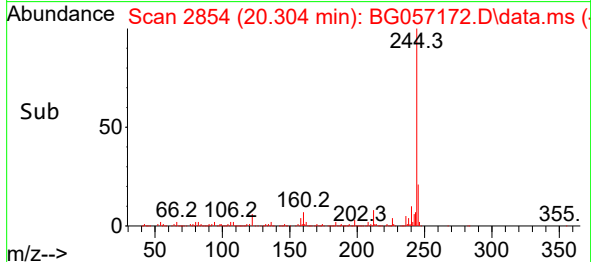
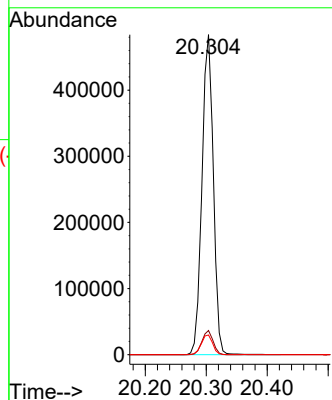
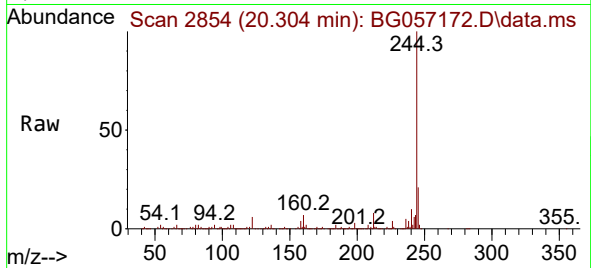




#79
 Terphenyl-d14
 Concen: 87.291 ng
 RT: 20.304 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG057172.D
 Acq: 25 Apr 2023 11:53

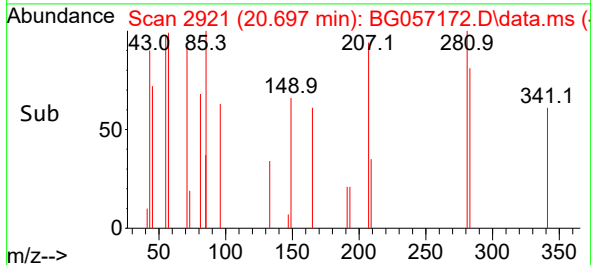
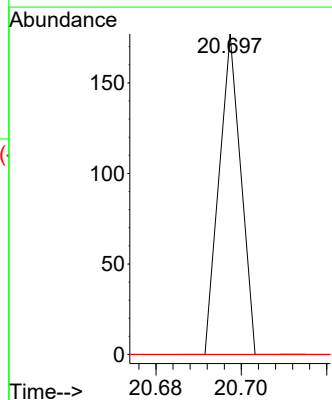
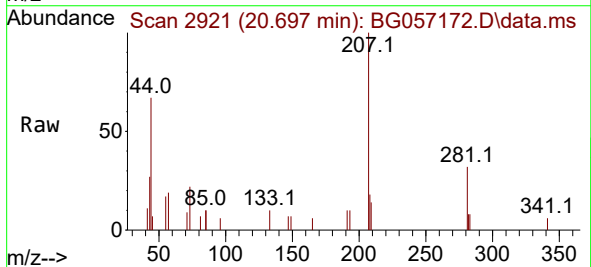
Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18

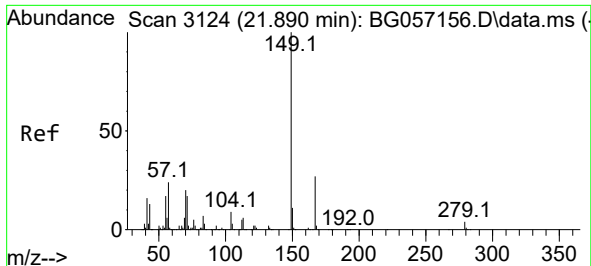
Tgt Ion:244 Resp: 626014
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 6.2 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 3.240 ng
 RT: 20.697 min Scan# 2921
 Delta R.T. -0.294 min
 Lab File: BG057172.D
 Acq: 25 Apr 2023 11:53

Tgt Ion:149 Resp: 62
 Ion Ratio Lower Upper
 149 100
 91 0.0 54.1 81.1#
 206 0.0 18.2 27.2#

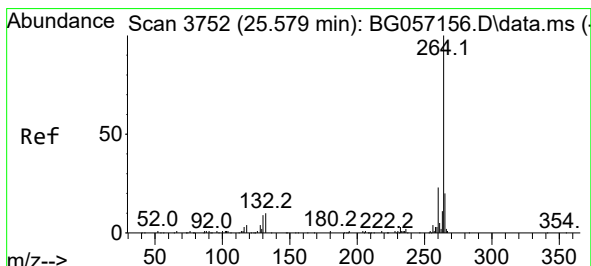
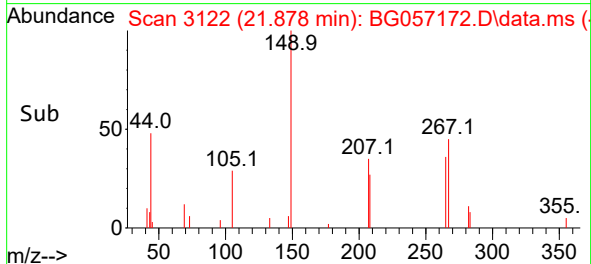
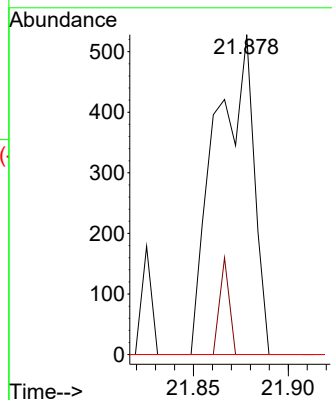
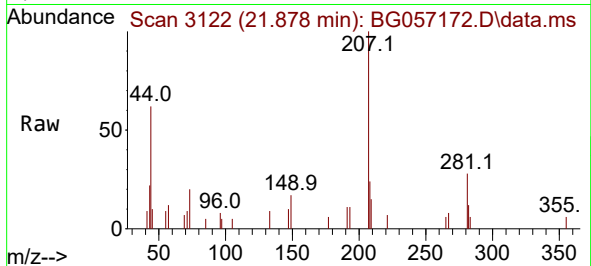




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.731 ng
 RT: 21.878 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG057172.D
 Acq: 25 Apr 2023 11:53

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18

Tgt Ion:149 Resp: 743
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 3.3 4.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.555 min Scan# 3748
 Delta R.T. -0.023 min
 Lab File: BG057172.D
 Acq: 25 Apr 2023 11:53

Tgt Ion:264 Resp: 124064
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.3 16.4 24.6

