

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057719.D
 Acq On : 15 Jun 2023 11:04
 Operator : CG/JU
 Sample : PB153430BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153430BL

Quant Time: Jun 15 13:00:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

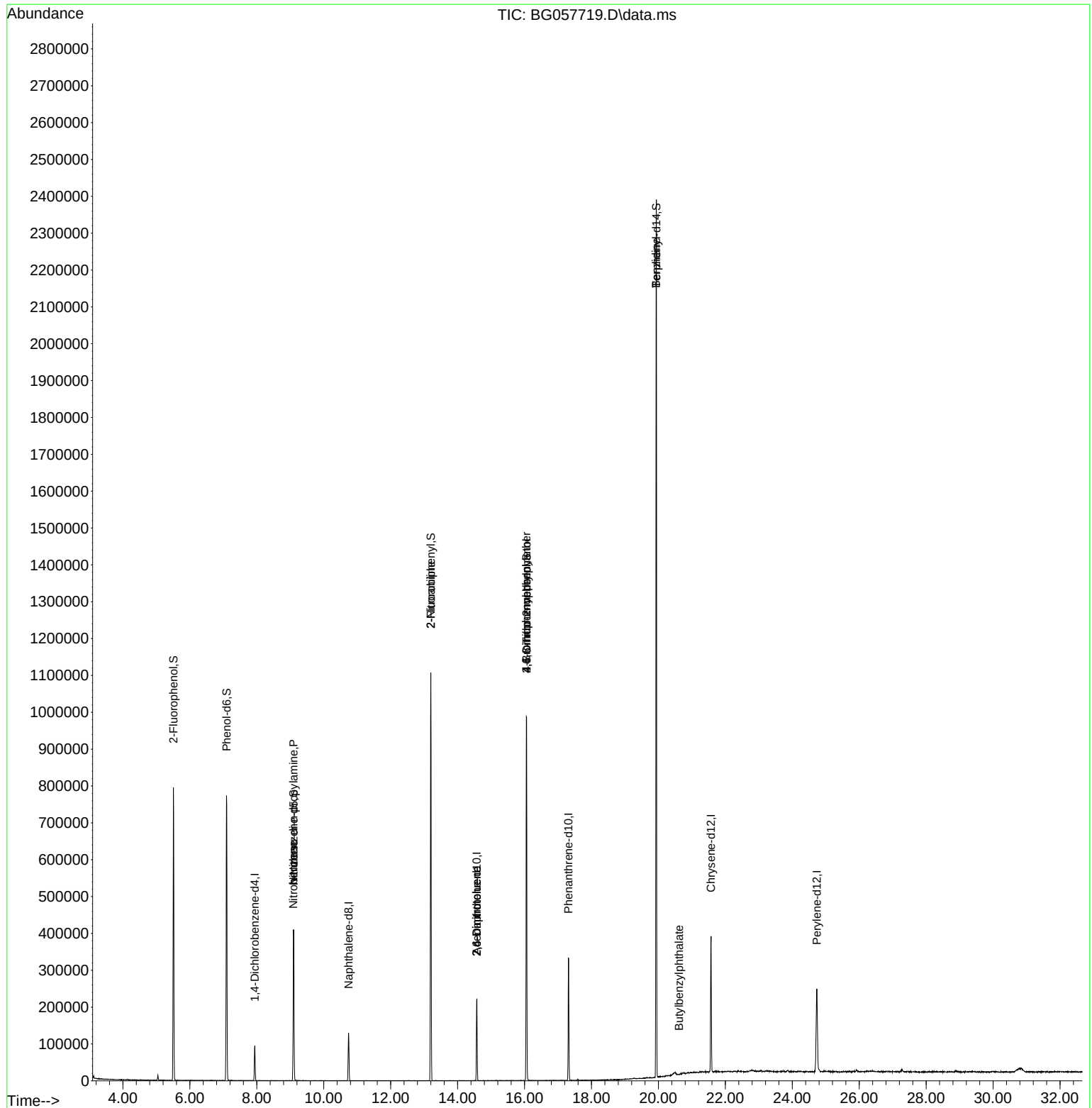
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	25224	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	108052	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	79296	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	217215	20.000	ng	0.00
76) Chrysene-d12	21.571	240	202819	20.000	ng	0.00
86) Perylene-d12	24.732	264	240130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	316369	204.227	ng	0.00
7) Phenol-d6	7.094	99	437704	183.925	ng	0.00
23) Nitrobenzene-d5	9.097	82	237325	127.583	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	190934	215.825	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	592858	111.445	ng	0.00
79) Terphenyl-d14	19.938	244	1233832	112.474	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.097	70	30395	17.664	ng	# 79
24) Nitrobenzene	9.092	77	720	5.408	ng	# 44
48) 2-Nitroaniline	13.199	65	1124	5.381	ng	# 20
51) 2,6-Dinitrotoluene	14.568	165	10820	18.305	ng	# 12
57) 2,4-Dinitrotoluene	14.568	165	10820	15.175	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.060	198	332	2.543	ng	# 1
67) 4-Bromophenyl-phenylether	16.054	248	13024	5.888	ng	# 1
77) Benzidine	19.932	184	17715	3.664	ng	# 93
80) Butylbenzylphthalate	20.619	149	86	4.121	ng	# 21

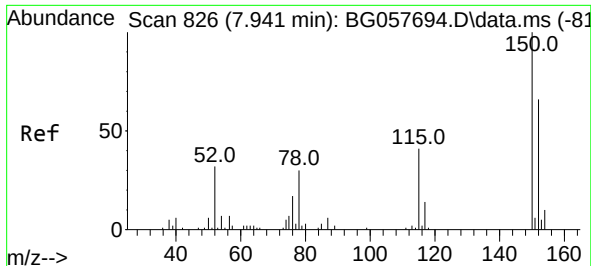
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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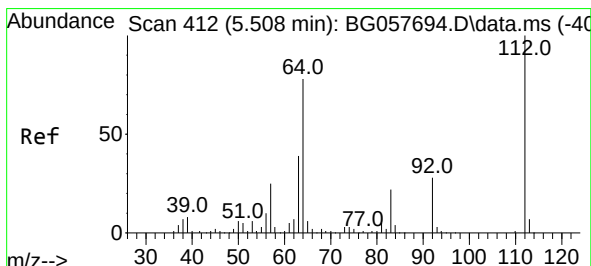
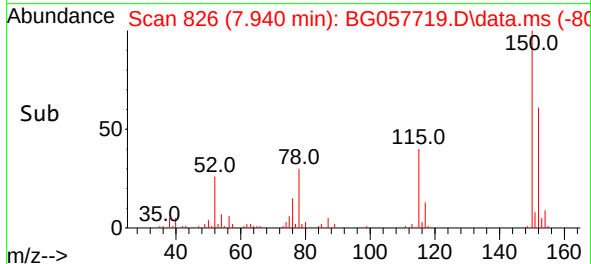
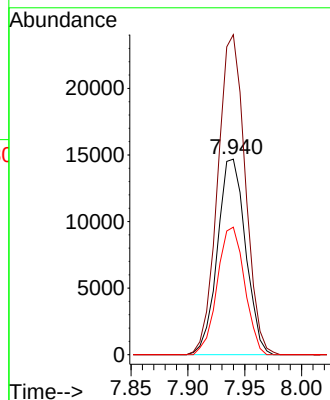
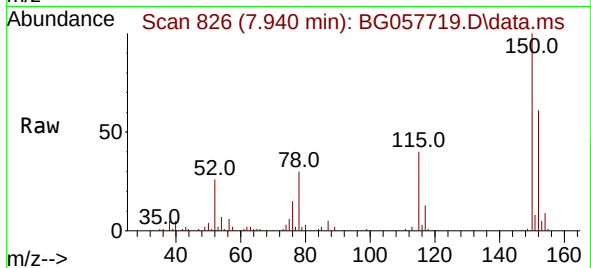




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

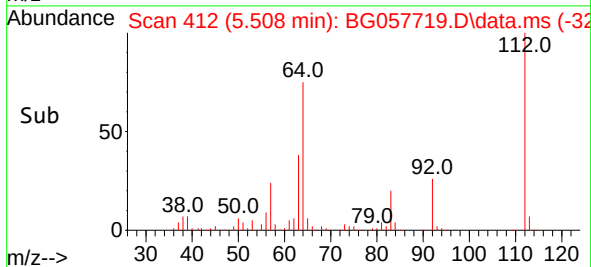
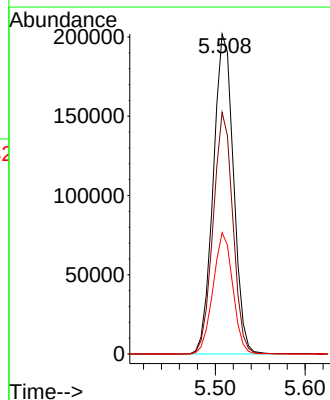
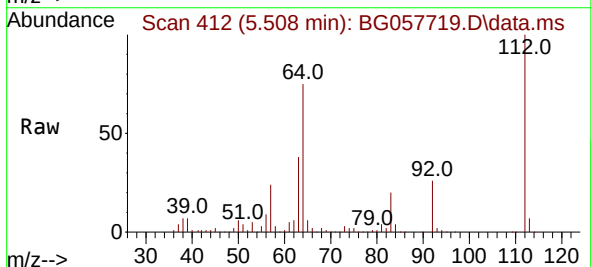
Instrument :
BNA_G
ClientSampleId :
PB153430BL

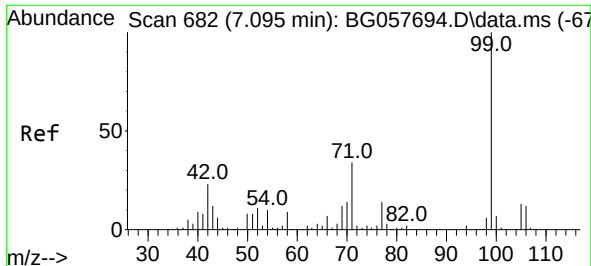
Tgt Ion:152 Resp: 25224
Ion Ratio Lower Upper
152 100
150 163.7 120.8 181.2
115 65.2 49.4 74.2



#5
2-Fluorophenol
Concen: 204.227 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion:112 Resp: 316369
Ion Ratio Lower Upper
112 100
64 75.5 62.3 93.5
63 37.9 31.5 47.3

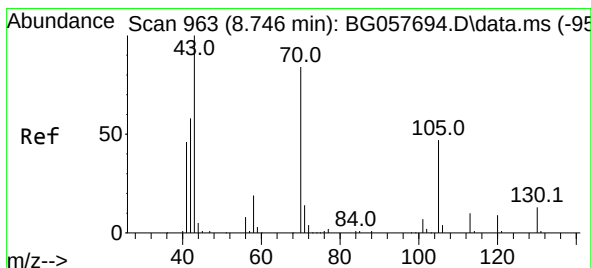
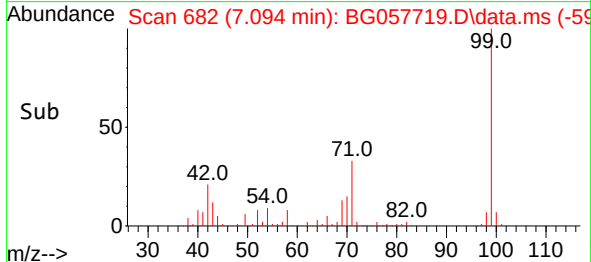
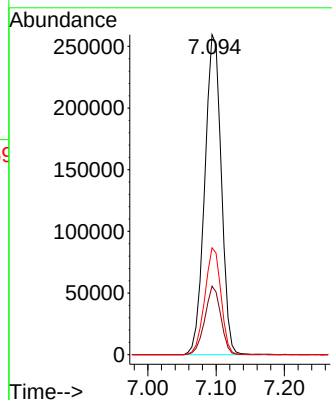
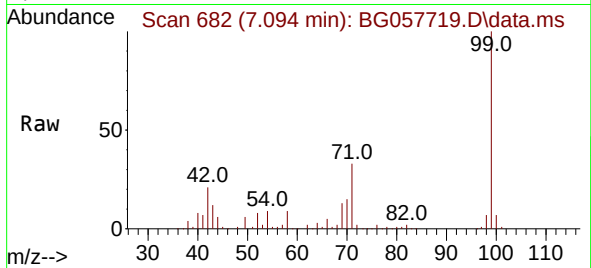




#7
Phenol-d6
Concen: 183.925 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

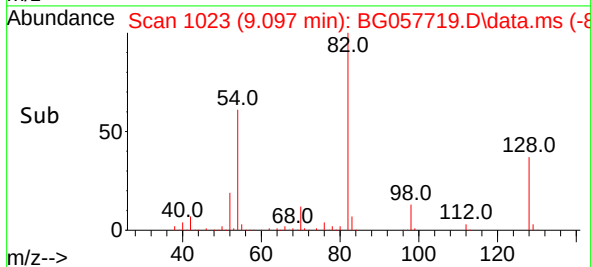
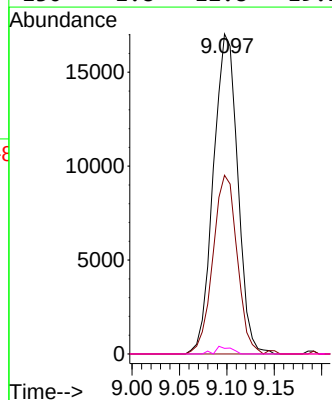
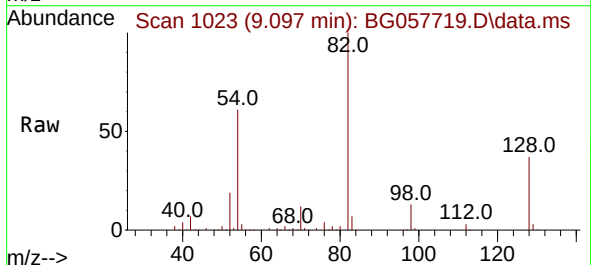
Instrument :
BNA_G
ClientSampleId :
PB153430BL

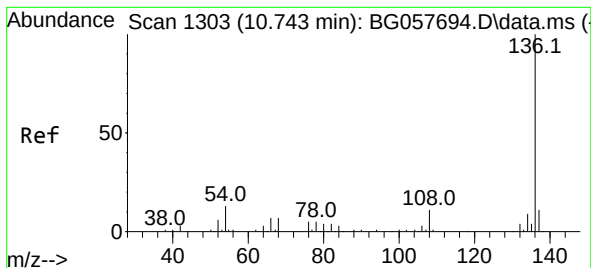
Tgt Ion: 99 Resp: 437704
Ion Ratio Lower Upper
99 100
42 21.4 18.3 27.5
71 33.4 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.664 ng
RT: 9.097 min Scan# 1023
Delta R.T. 0.352 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

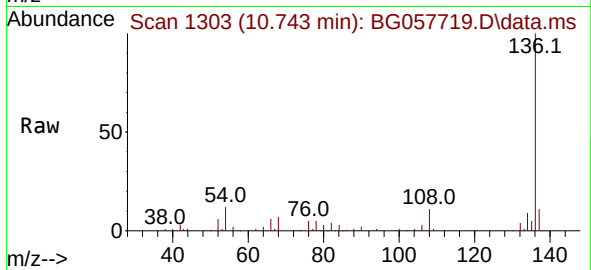
Tgt Ion: 70 Resp: 30395
Ion Ratio Lower Upper
70 100
42 55.9 56.6 84.8#
101 0.0 6.2 9.4#
130 1.8 12.8 19.2#



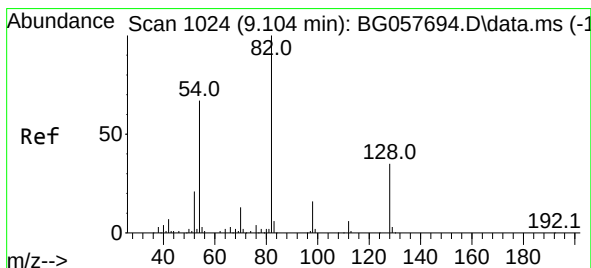
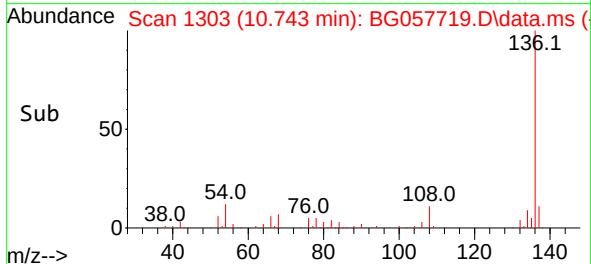
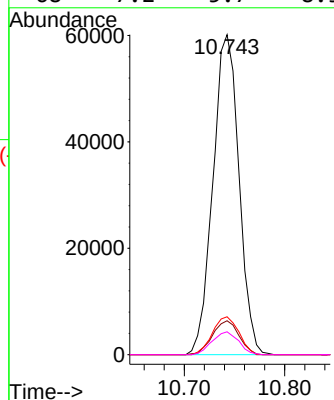


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Instrument :
BNA_G
ClientSampleId :
PB153430BL

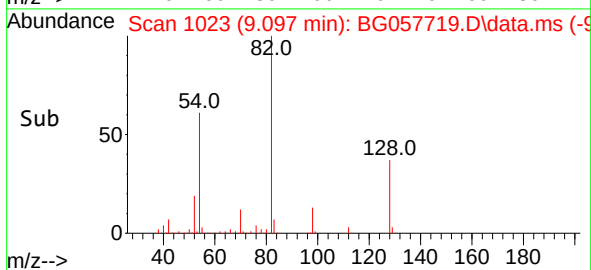
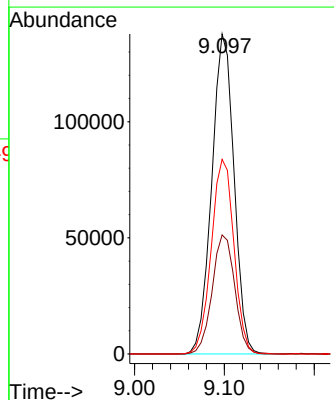
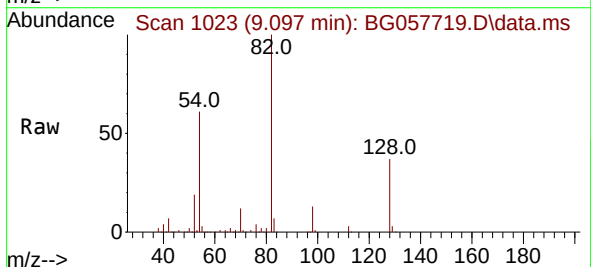


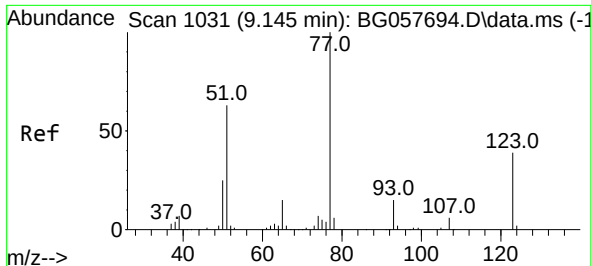
Tgt Ion:	136	Resp:	108052
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	11.9	10.8	16.2
68	7.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 127.583 ng
RT: 9.097 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion:	82	Resp:	237325
Ion Ratio	Lower	Upper	
82	100		
128	37.2	27.7	41.5
54	60.8	53.8	80.8

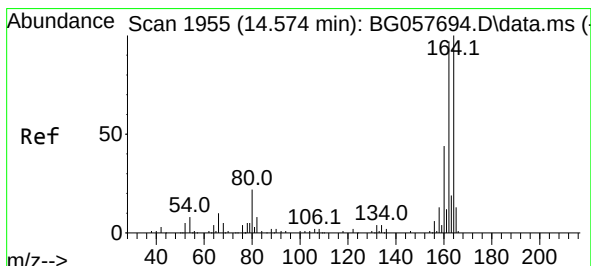
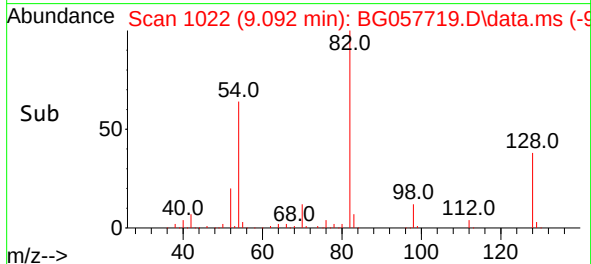
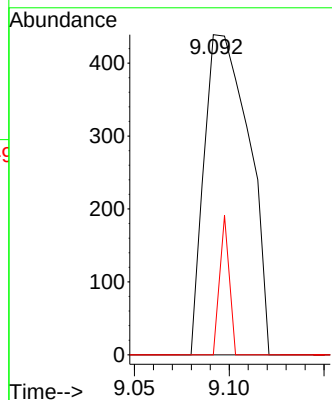
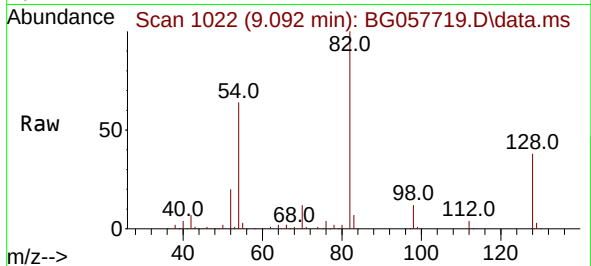




#24
Nitrobenzene
Concen: 5.408 ng
RT: 9.092 min Scan# 1031
Delta R.T. -0.053 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

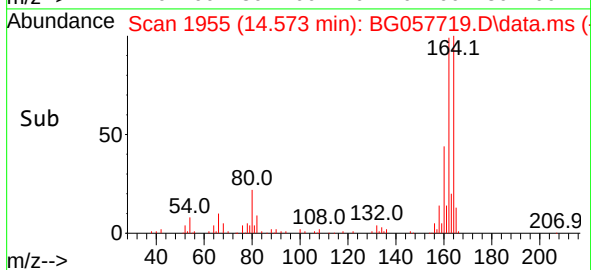
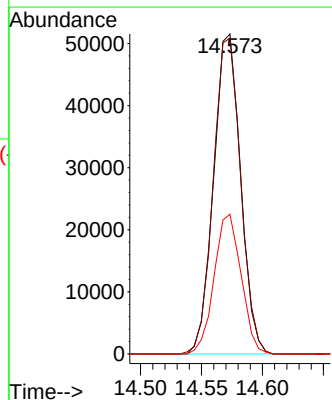
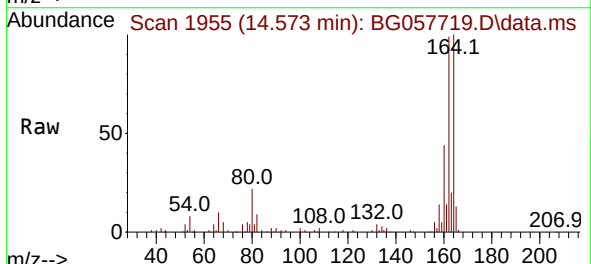
Instrument :
BNA_G
ClientSampleId :
PB153430BL

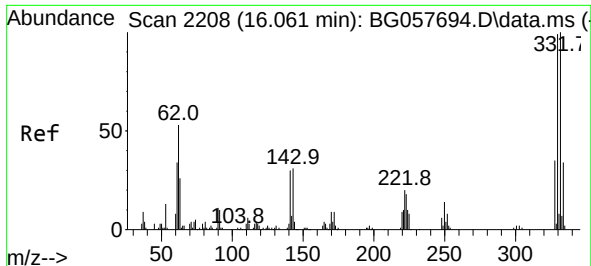
Tgt Ion: 77 Resp: 720
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.573 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion: 164 Resp: 79296
Ion Ratio Lower Upper
164 100
162 98.7 77.7 116.5
160 43.7 35.1 52.7

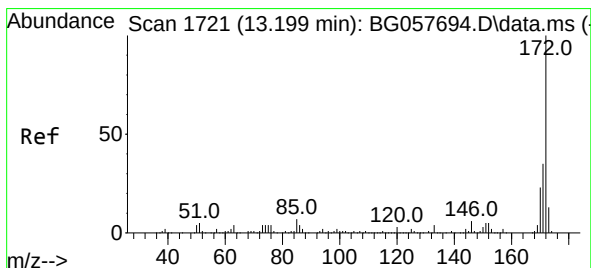
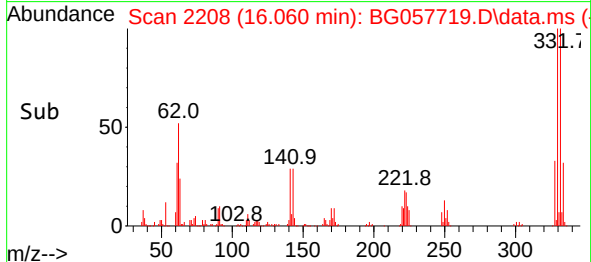
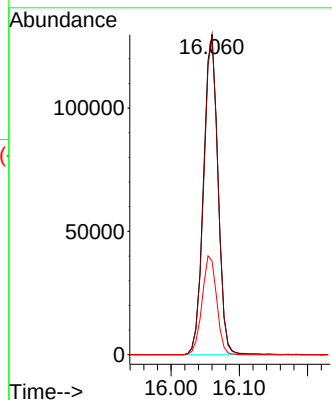
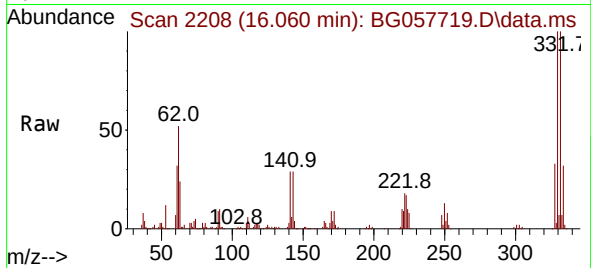




#42
2,4,6-Tribromophenol
Concen: 215.825 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

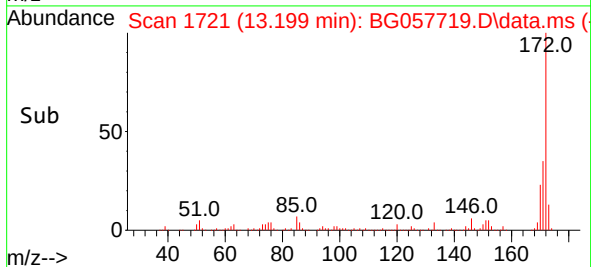
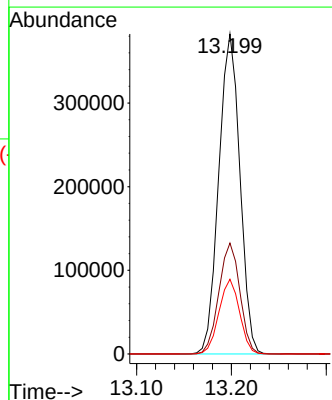
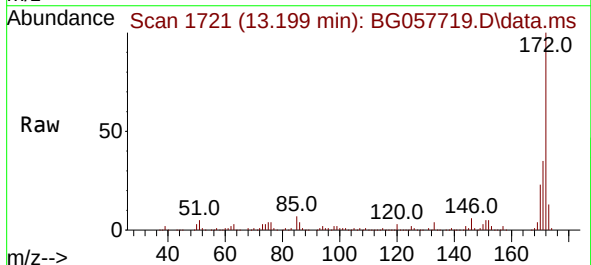
Instrument :
BNA_G
ClientSampleId :
PB153430BL

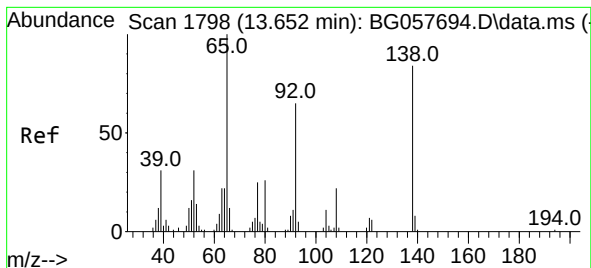
Tgt Ion:330 Resp: 190934
Ion Ratio Lower Upper
330 100
332 98.3 79.0 118.6
141 31.1 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 111.445 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion:172 Resp: 592858
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 18.2 27.4





#48

2-Nitroaniline

Concen: 5.381 ng

RT: 13.199 min Scan# 1

Delta R.T. -0.453 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

Instrument :

BNA_G

ClientSampleId :

PB153430BL

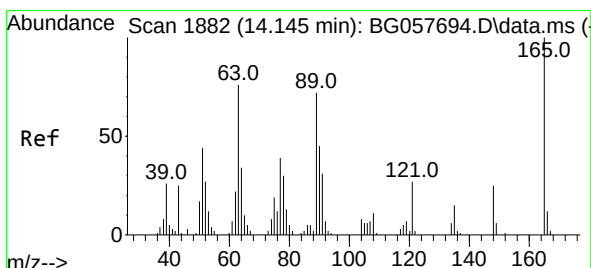
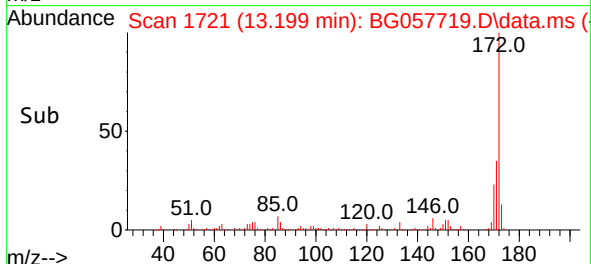
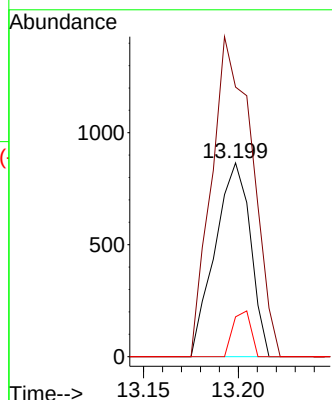
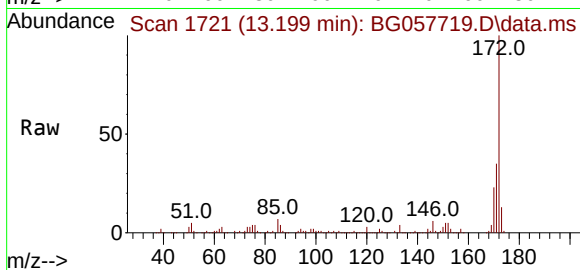
Tgt Ion: 65 Resp: 1124

Ion Ratio Lower Upper

65 100

92 139.2 52.2 78.4#

138 20.6 67.0 100.4#



#51

2,6-Dinitrotoluene

Concen: 18.305 ng

RT: 14.568 min Scan# 1954

Delta R.T. 0.423 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

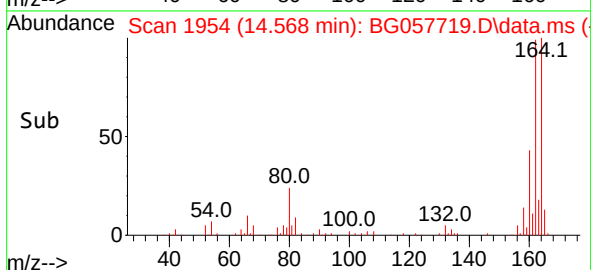
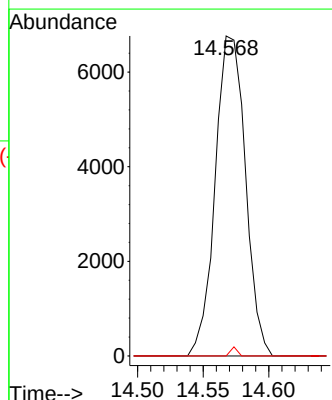
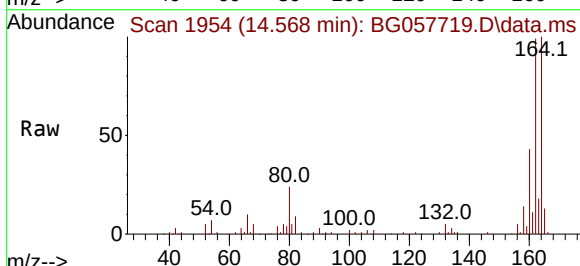
Tgt Ion:165 Resp: 10820

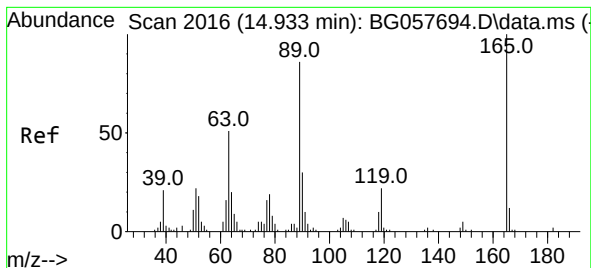
Ion Ratio Lower Upper

165 100

63 0.0 62.3 93.5#

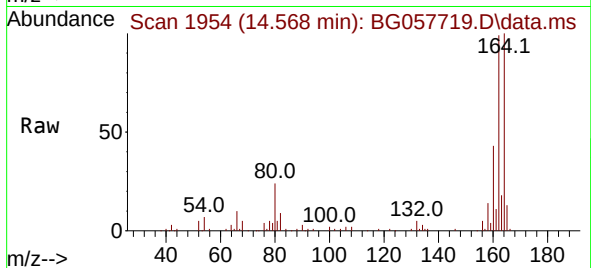
89 0.0 57.4 86.0#



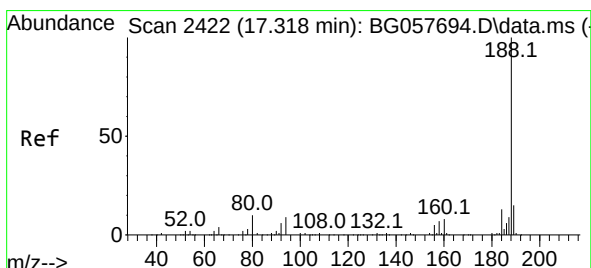
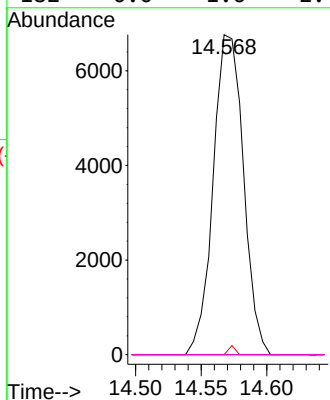
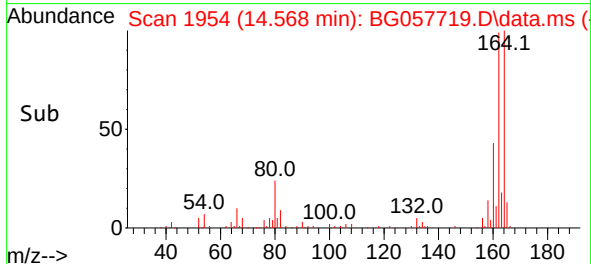


#57
2,4-Dinitrotoluene
Concen: 15.175 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.365 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Instrument :
BNA_G
ClientSampleId :
PB153430BL

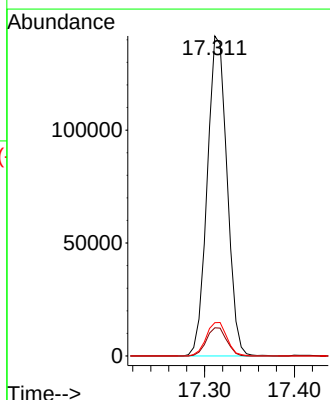
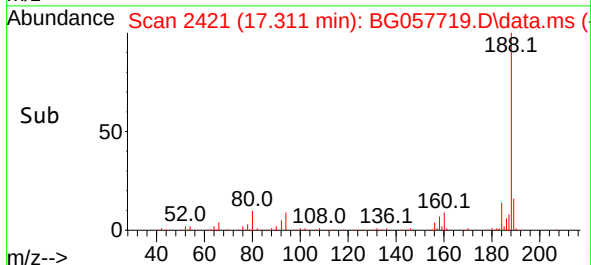
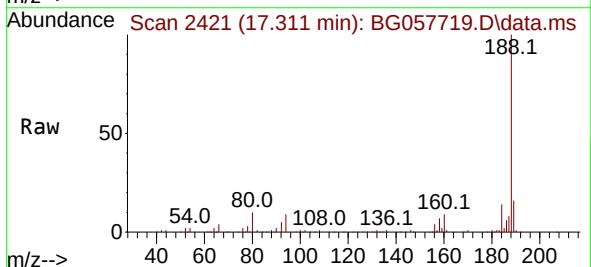


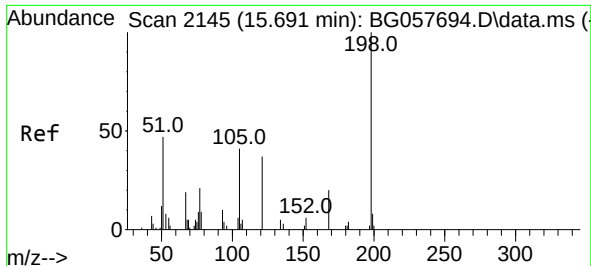
Tgt Ion:165 Resp: 10820
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion:188 Resp: 217215
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.4 8.2 12.4

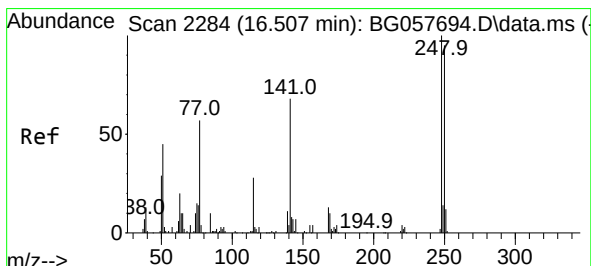
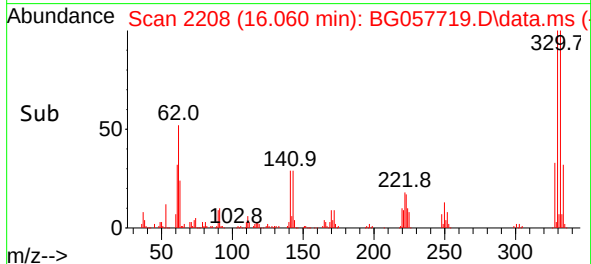
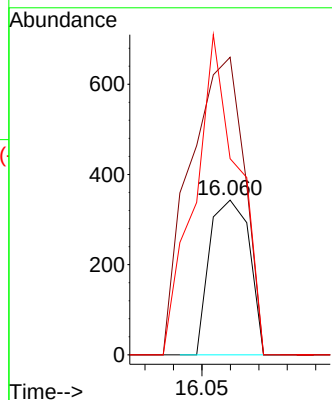
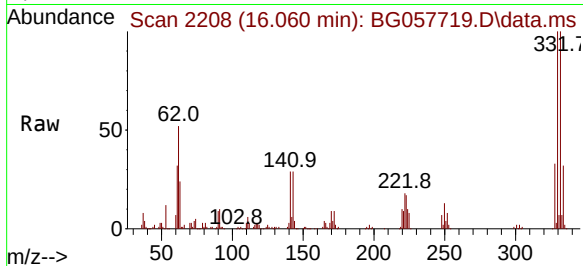




#65
4,6-Dinitro-2-methylphenol
Concen: 2.543 ng
RT: 16.060 min Scan# 2145
Delta R.T. 0.369 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

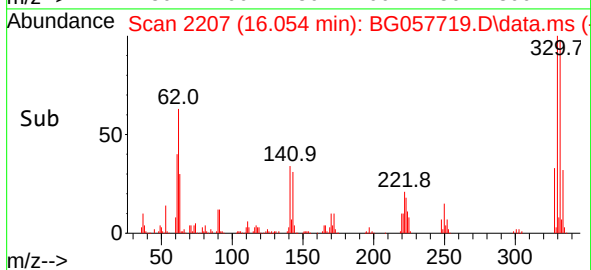
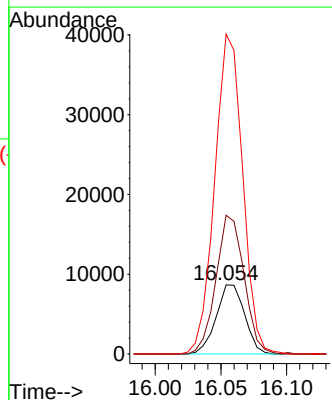
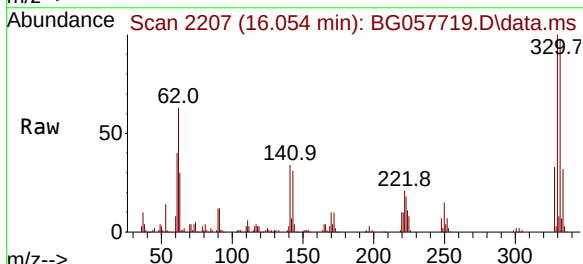
Instrument :
BNA_G
ClientSampleId :
PB153430BL

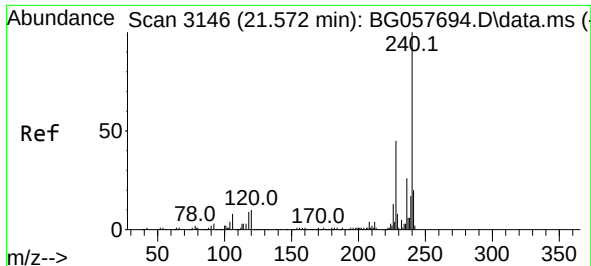
Tgt Ion:198 Resp: 332
Ion Ratio Lower Upper
198 100
51 192.4 42.0 82.0#
105 126.8 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 5.888 ng
RT: 16.054 min Scan# 2207
Delta R.T. -0.453 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion:248 Resp: 13024
Ion Ratio Lower Upper
248 100
250 200.7 76.3 114.5#
141 463.2 54.6 82.0#

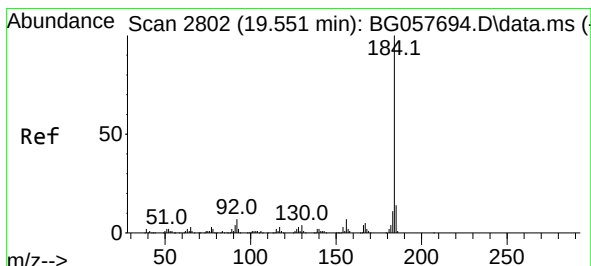
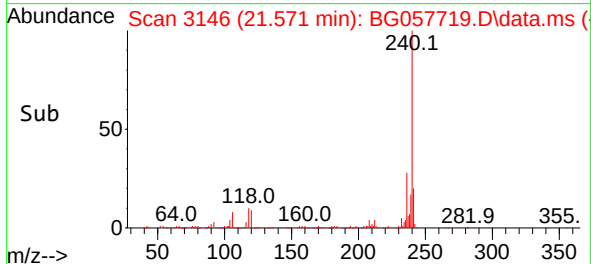
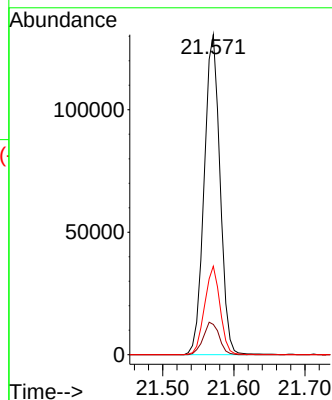
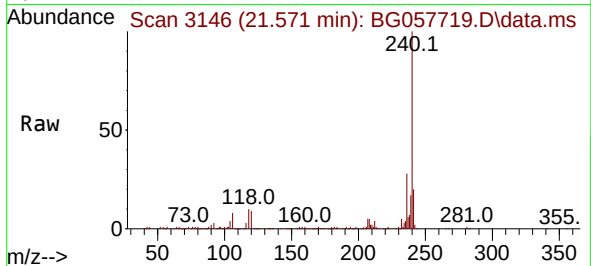




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

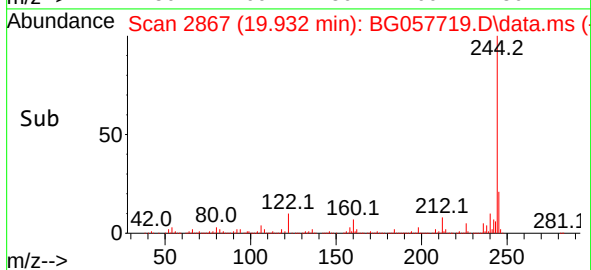
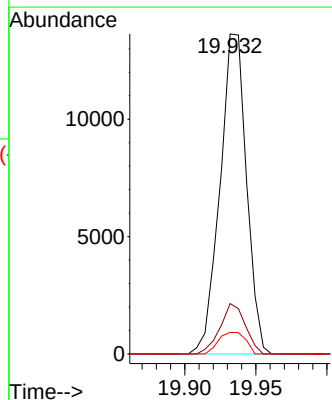
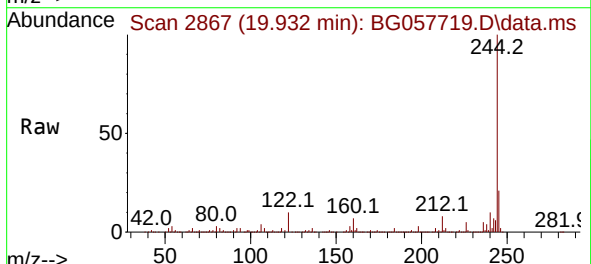
Instrument :
BNA_G
ClientSampleId :
PB153430BL

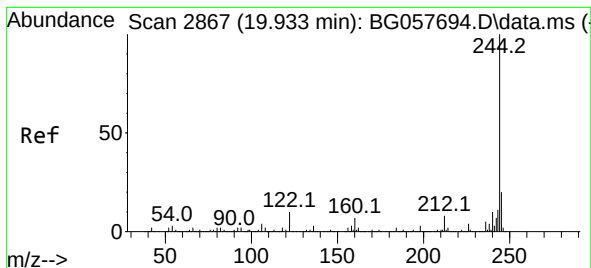
Tgt Ion:240 Resp: 202819
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 27.7 20.7 31.1



#77
Benzidine
Concen: 3.664 ng
RT: 19.932 min Scan# 2867
Delta R.T. 0.381 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Tgt Ion:184 Resp: 17715
Ion Ratio Lower Upper
184 100
185 15.7 11.1 16.7
183 6.8 8.4 12.6#





#79

Terphenyl-d14

Concen: 112.474 ng

RT: 19.938 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

Instrument :

BNA_G

ClientSampleId :

PB153430BL

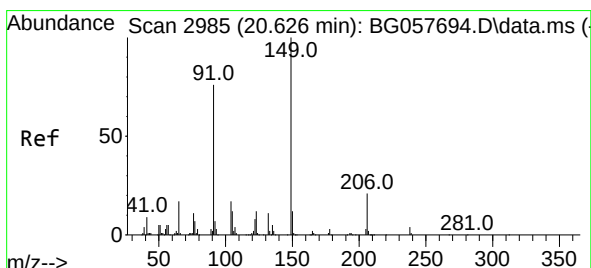
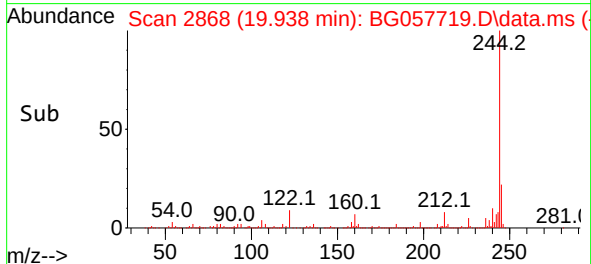
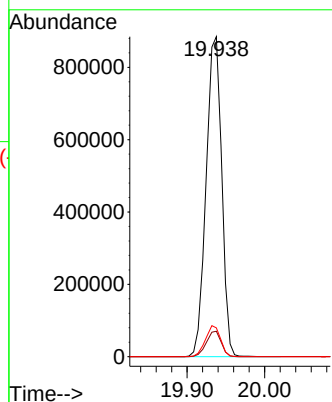
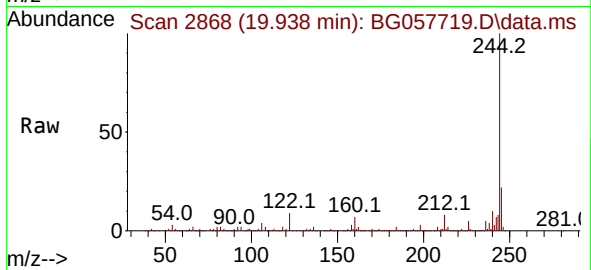
Tgt Ion:244 Resp: 1233832

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 9.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 4.121 ng

RT: 20.619 min Scan# 2984

Delta R.T. -0.007 min

Lab File: BG057719.D

Acq: 15 Jun 2023 11:04

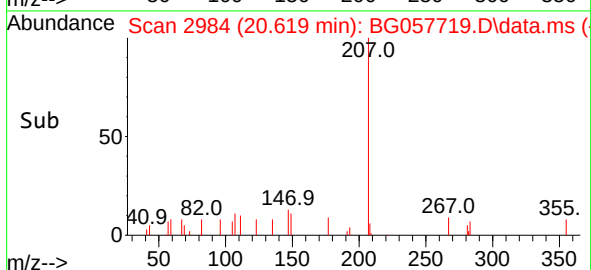
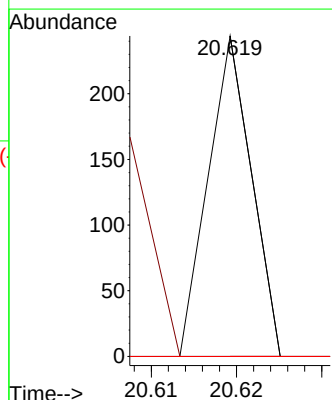
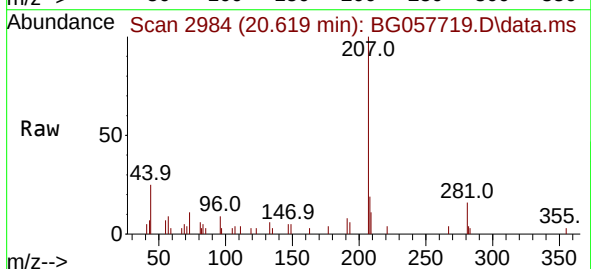
Tgt Ion:149 Resp: 86

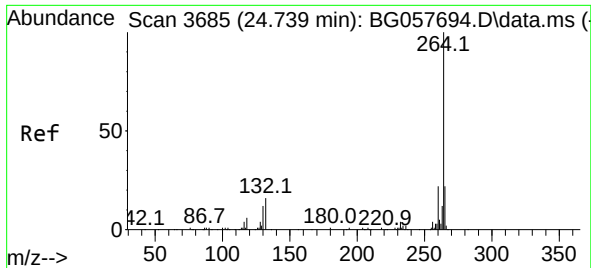
Ion Ratio Lower Upper

149 100

91 0.0 60.8 91.2#

206 0.0 16.8 25.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.732 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG057719.D
Acq: 15 Jun 2023 11:04

Instrument :
BNA_G
ClientSampleId :
PB153430BL

Tgt Ion:264 Resp: 240130
Ion Ratio Lower Upper
264 100
260 22.5 17.3 25.9
265 21.5 17.5 26.3

