

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057923.D
 Acq On : 30 Jun 2023 17:39
 Operator : CG/JU
 Sample : 03376-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Quant Time: Jun 30 18:52:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

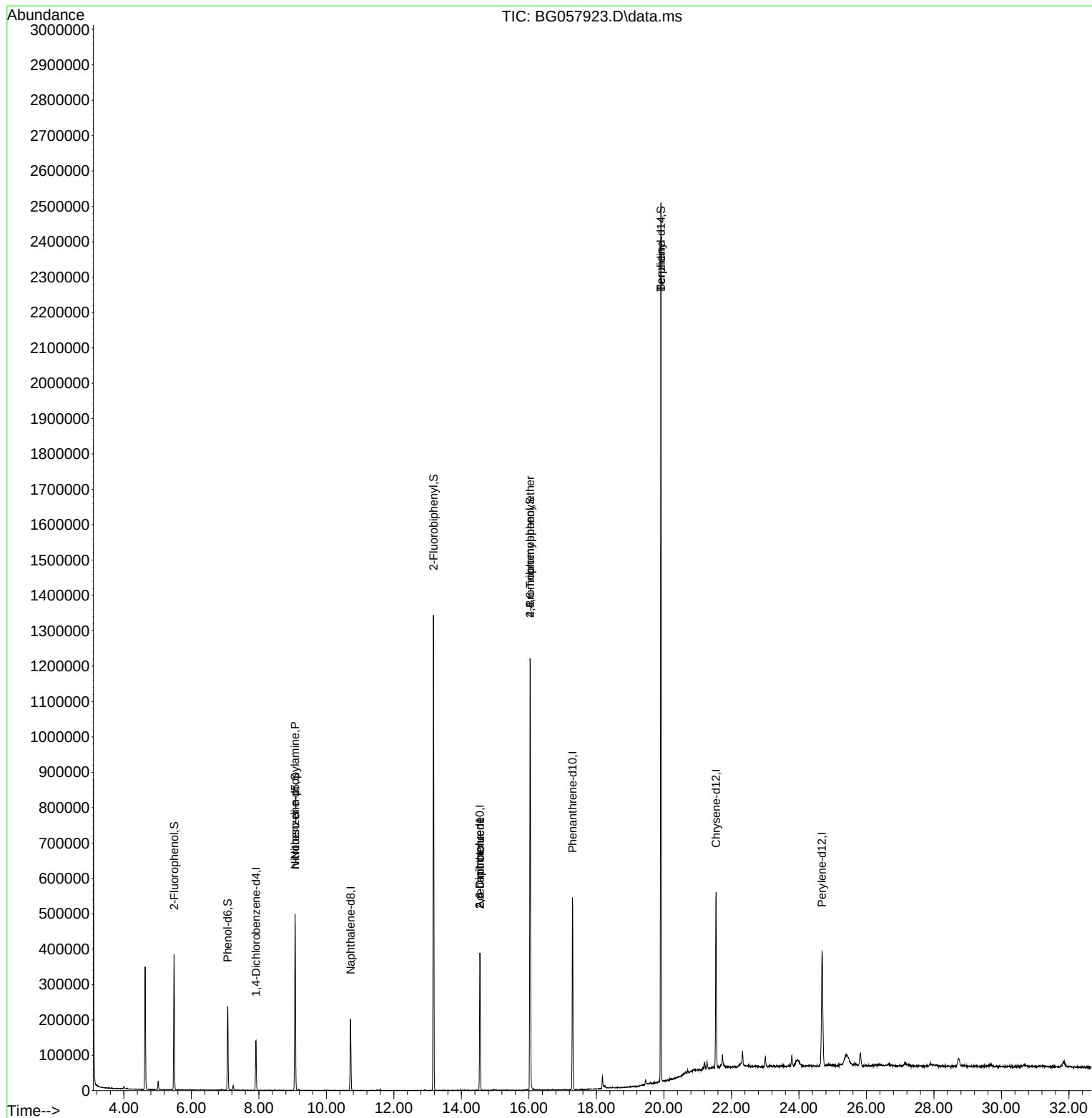
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	40240	20.000	ng	-0.01
21) Naphthalene-d8	10.717	136	171532	20.000	ng	-0.01
39) Acenaphthene-d10	14.548	164	140294	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	348342	20.000	ng	-0.01
76) Chrysene-d12	21.546	240	284265	20.000	ng	-0.01
86) Perylene-d12	24.683	264	346938	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.488	112	162666	61.849	ng	0.00
7) Phenol-d6	7.075	99	146712	37.304	ng	-0.01
23) Nitrobenzene-d5	9.072	82	302100	86.312	ng	-0.02
42) 2,4,6-Tribromophenol	16.041	330	280108	118.872	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	710176	77.249	ng	-0.01
79) Terphenyl-d14	19.912	244	1291052	82.800	ng	0.00
Target Compounds						
9) Benzaldehyde	7.080	77	53	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.072	70	37437	14.226	ng	# 78
51) 2,6-Dinitrotoluene	14.548	165	18697	8.098	ng	# 22
57) 2,4-Dinitrotoluene	14.548	165	18697	5.581	ng	# 20
67) 4-Bromophenyl-phenylether	16.041	248	17159	4.666	ng	# 1
77) Benzidine	19.912	184	17218	2.582	ng	# 95

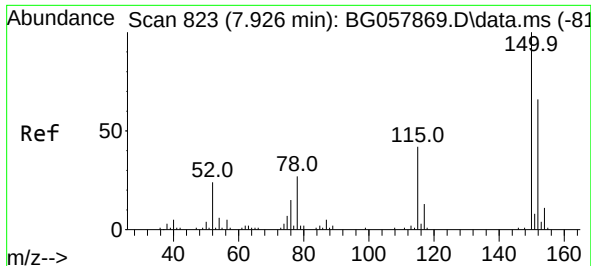
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057923.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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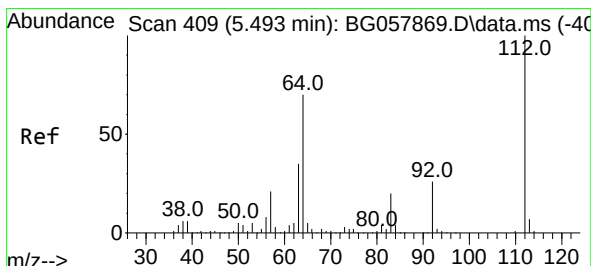
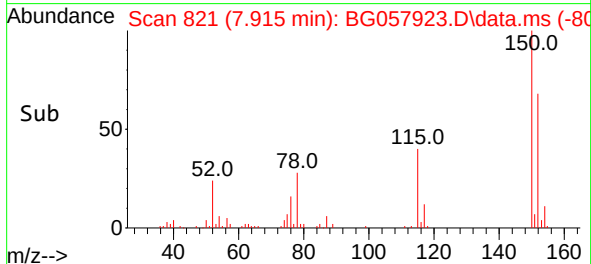
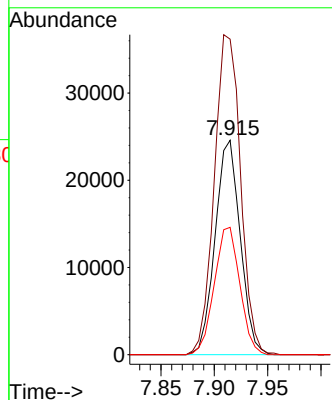
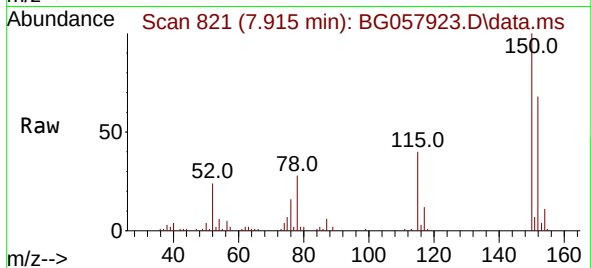




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.915 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

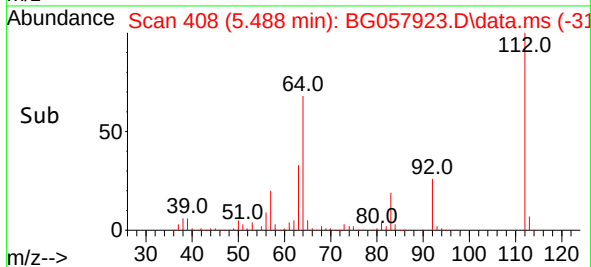
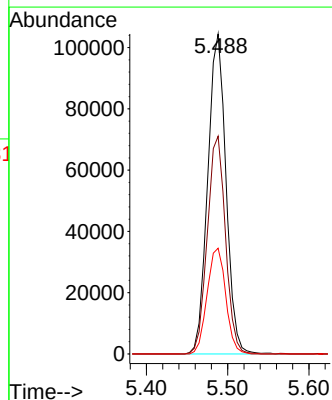
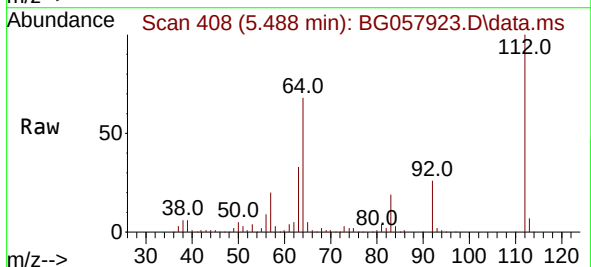
Instrument :
BNA_G
ClientSampleId :
DUP-01

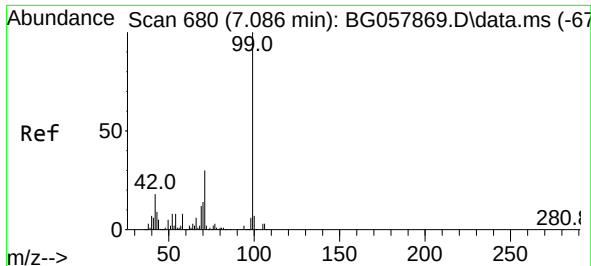
Tgt Ion:152 Resp: 40240
Ion Ratio Lower Upper
152 100
150 147.2 122.0 183.0
115 59.4 50.7 76.1



#5
2-Fluorophenol
Concen: 61.849 ng
RT: 5.488 min Scan# 408
Delta R.T. -0.005 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

Tgt Ion:112 Resp: 162666
Ion Ratio Lower Upper
112 100
64 68.1 55.8 83.6
63 33.1 27.9 41.9

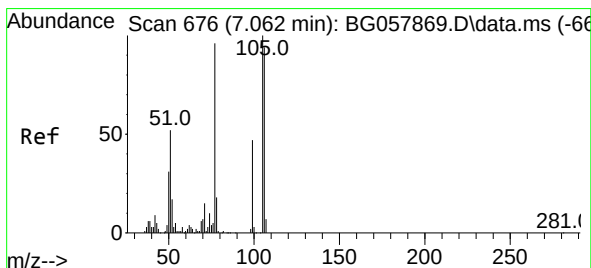
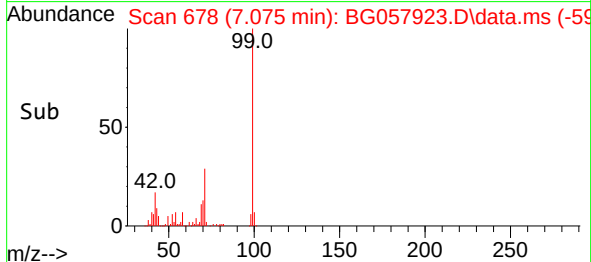
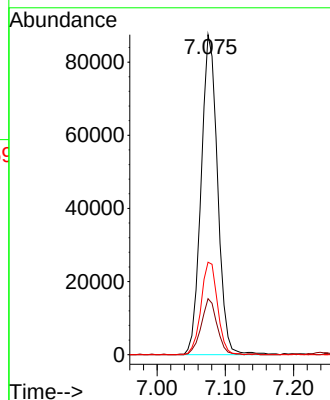
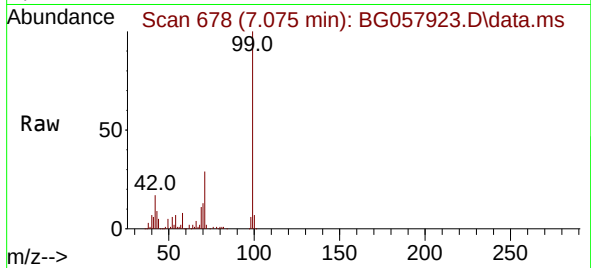




#7
Phenol-d6
Concen: 37.304 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

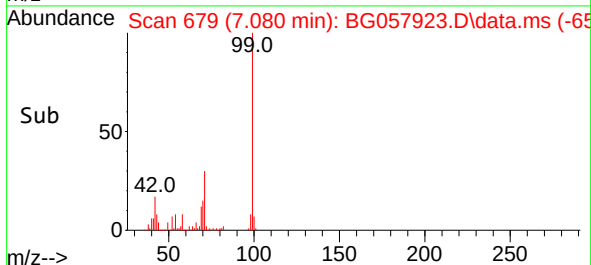
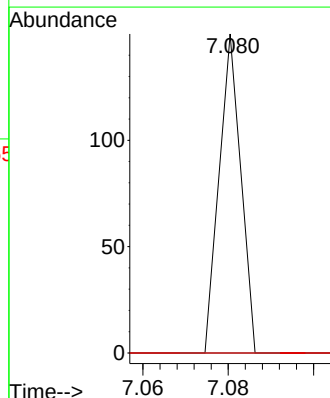
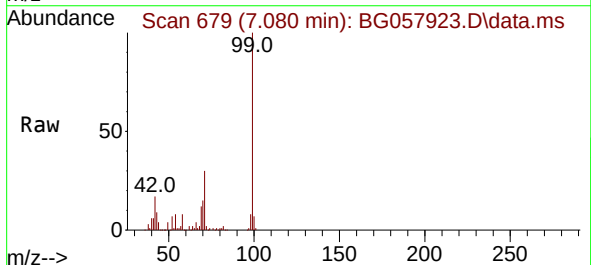
Instrument :
BNA_G
ClientSampleId :
DUP-01

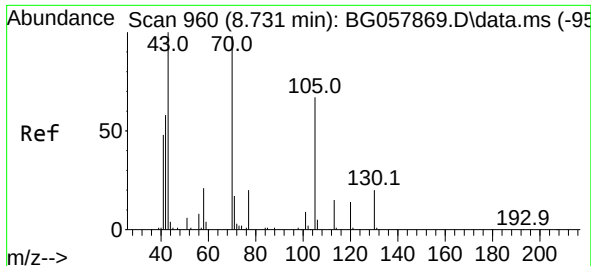
Tgt Ion: 99 Resp: 146712
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 28.9 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.080 min Scan# 679
Delta R.T. 0.018 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

Tgt Ion: 77 Resp: 53
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

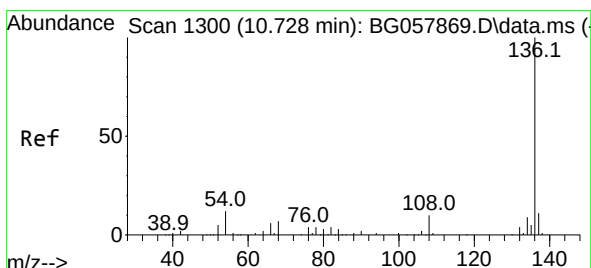
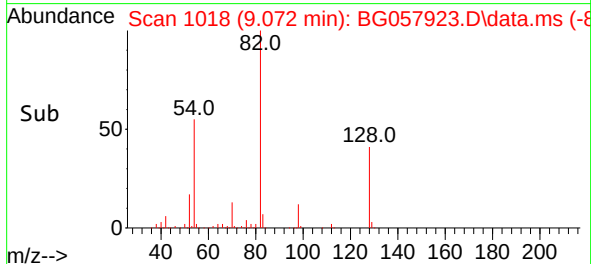
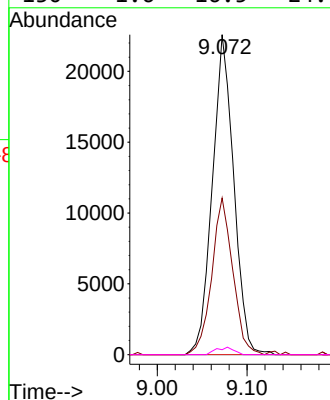
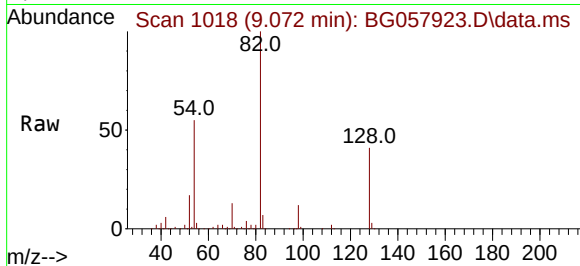




#19
n-Nitroso-di-n-propylamine
Concen: 14.226 ng
RT: 9.072 min Scan# 1018
Delta R.T. 0.342 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

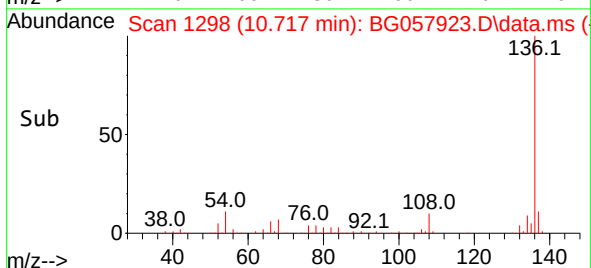
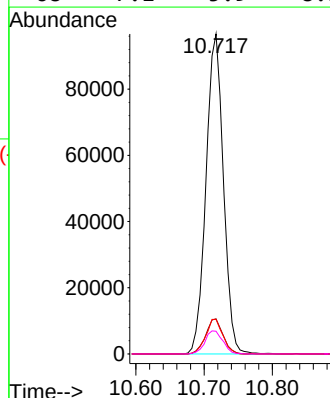
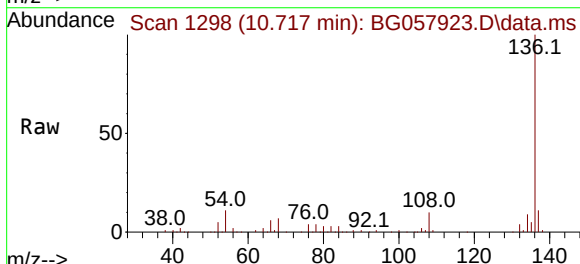
Instrument :
BNA_G
ClientSampleId :
DUP-01

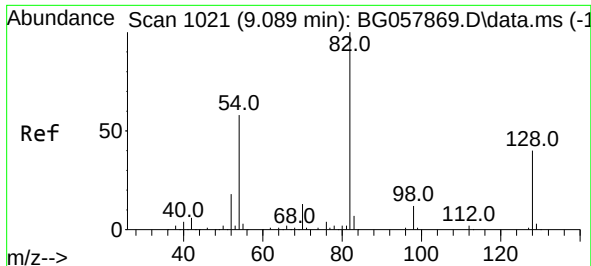
Tgt Ion:	70	Resp:	37437
Ion	Ratio	Lower	Upper
70	100		
42	49.0	48.4	72.6
101	0.0	7.2	10.8#
130	1.6	16.5	24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.717 min Scan# 1298
Delta R.T. -0.011 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

Tgt Ion:	136	Resp:	171532
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.8	9.3	13.9
68	7.1	5.9	8.9

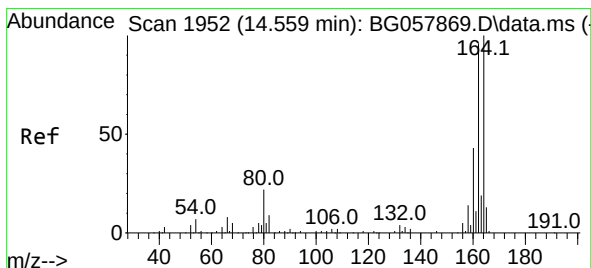
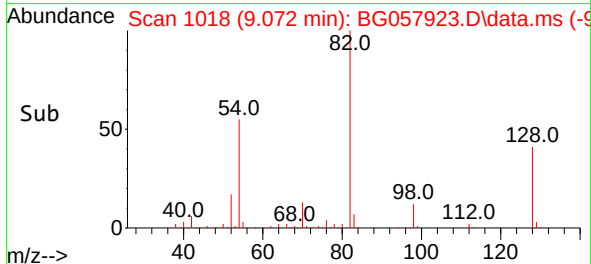
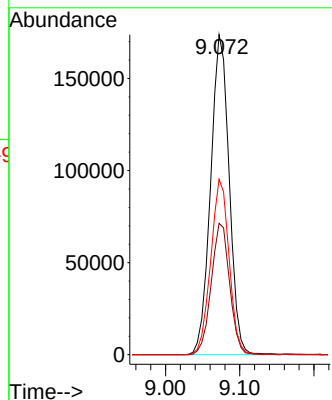
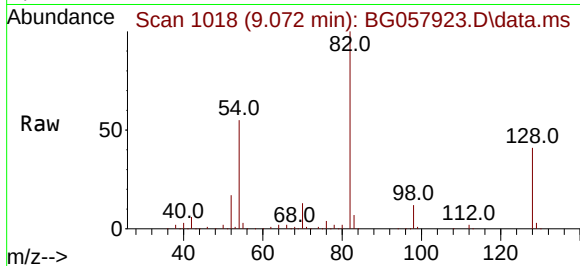




#23
Nitrobenzene-d5
Concen: 86.312 ng
RT: 9.072 min Scan# 1018
Delta R.T. -0.017 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

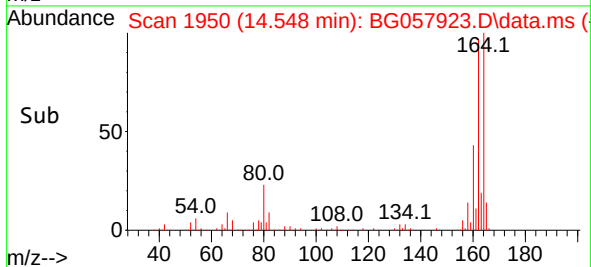
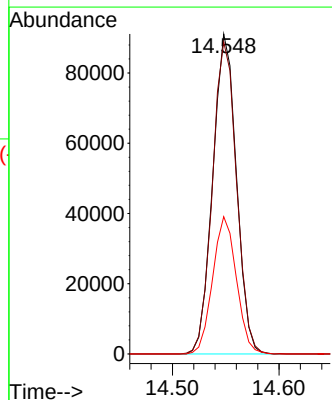
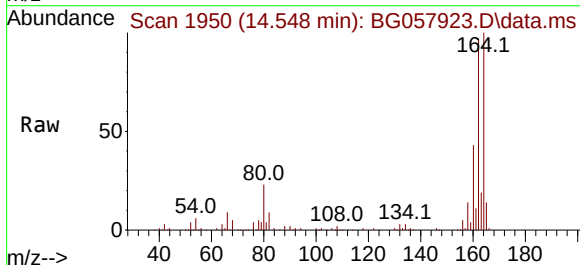
Instrument :
BNA_G
ClientSampleId :
DUP-01

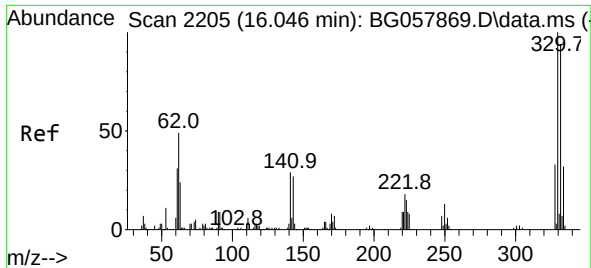
Tgt Ion: 82 Resp: 302100
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 54.9 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.011 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

Tgt Ion:164 Resp: 140294
Ion Ratio Lower Upper
164 100
162 97.5 76.4 114.6
160 42.9 34.2 51.2

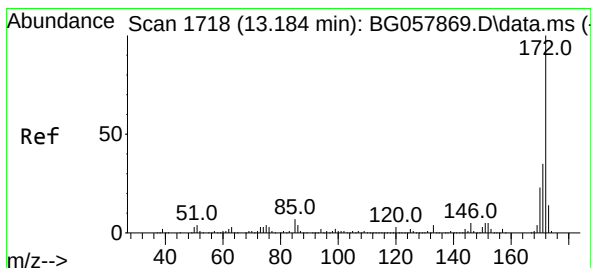
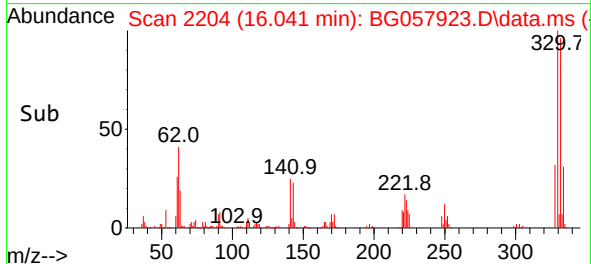
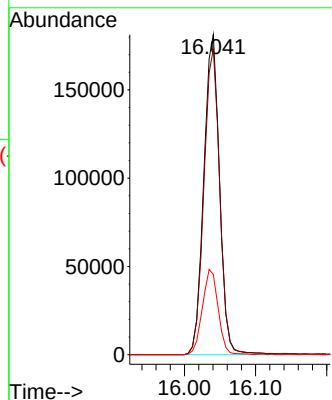
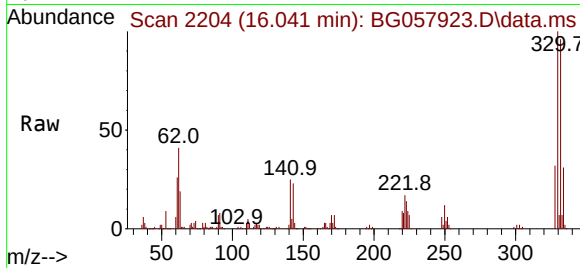




#42
 2,4,6-Tribromophenol
 Concen: 118.872 ng
 RT: 16.041 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057923.D
 Acq: 30 Jun 2023 17:39

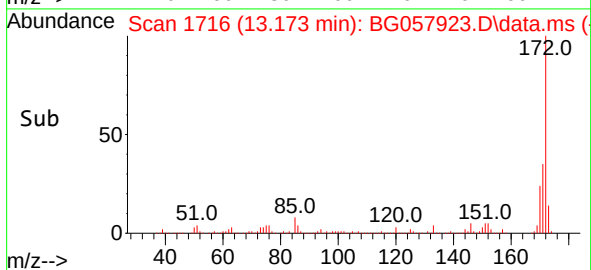
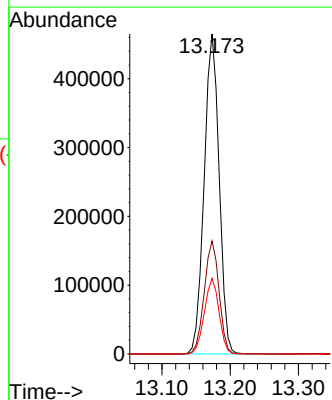
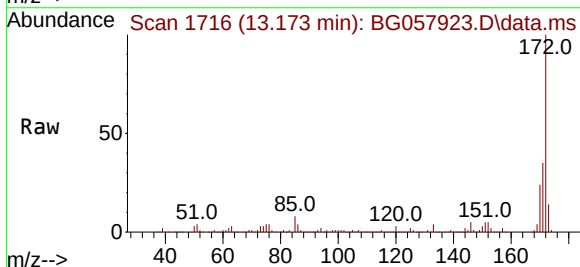
Instrument :
 BNA_G
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 DUP-01

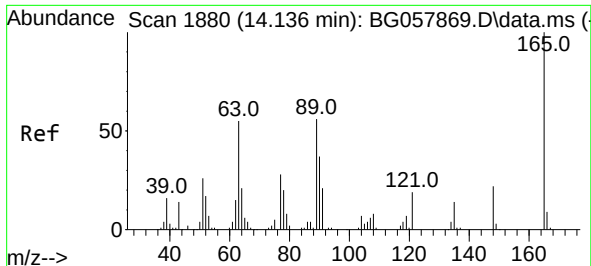
Tgt Ion:330 Resp: 280108
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 26.7 22.2 33.4



#45
 2-Fluorobiphenyl
 Concen: 77.249 ng
 RT: 13.173 min Scan# 1716
 Delta R.T. -0.011 min
 Lab File: BG057923.D
 Acq: 30 Jun 2023 17:39

Tgt Ion:172 Resp: 710176
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.8
 170 23.6 18.6 27.8

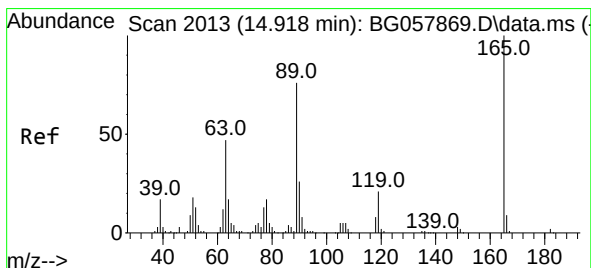
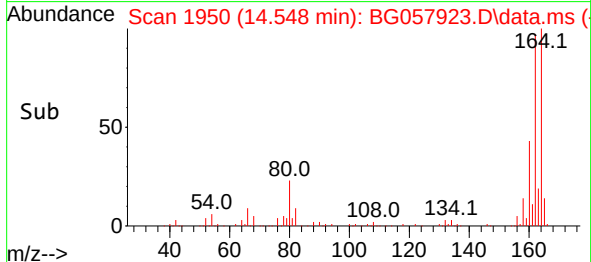
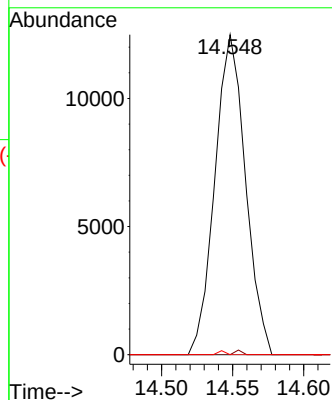
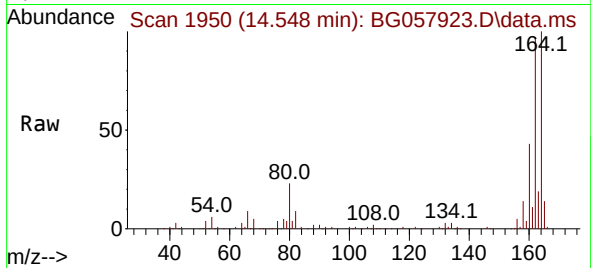




#51
2,6-Dinitrotoluene
Concen: 8.098 ng
RT: 14.548 min Scan# 1950
Delta R.T. 0.412 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

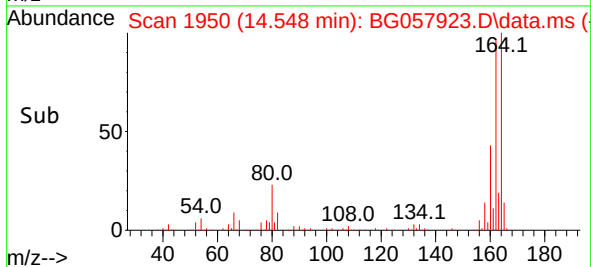
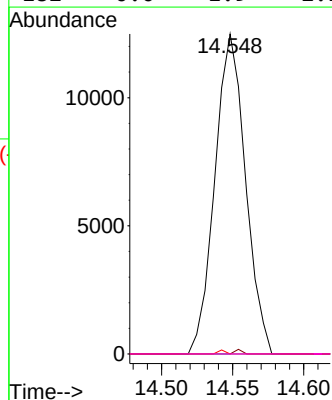
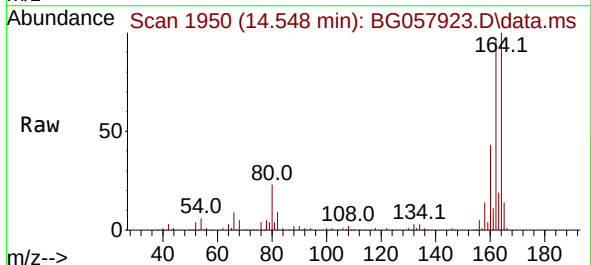
Instrument :
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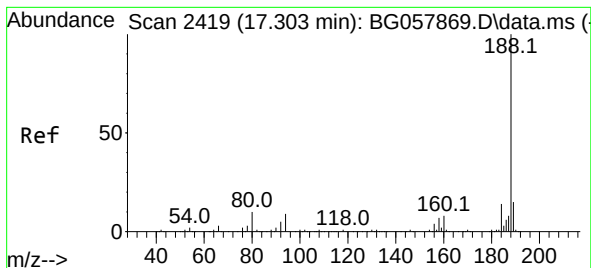
Tgt Ion:165 Resp: 18697
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.581 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.369 min
Lab File: BG057923.D
Acq: 30 Jun 2023 17:39

Tgt Ion:165 Resp: 18697
Ion Ratio Lower Upper
165 100
63 0.0 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2419

Delta R.T. -0.011 min

Lab File: BG057923.D

Acq: 30 Jun 2023 17:39

Instrument :

BNA_G

ClientSampleId :

DUP-01

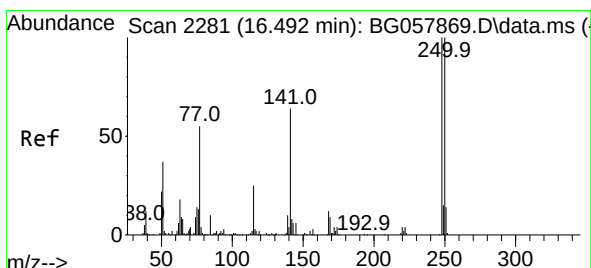
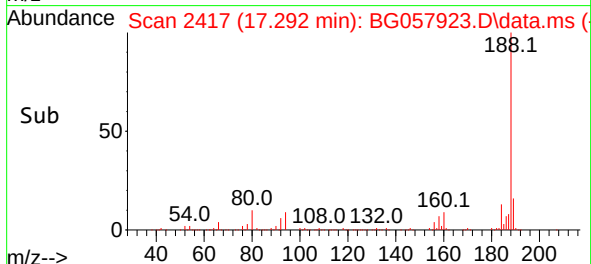
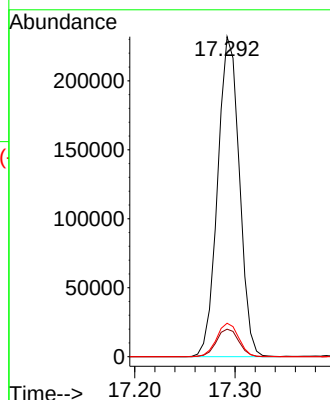
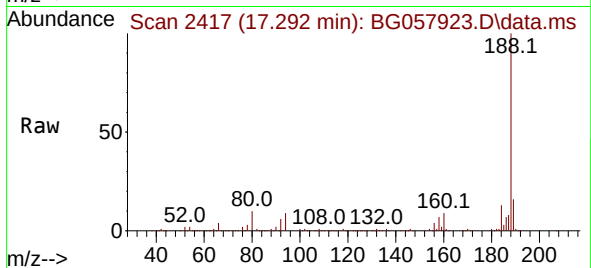
Tgt Ion:188 Resp: 348342

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.4 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 4.666 ng

RT: 16.041 min Scan# 2204

Delta R.T. -0.452 min

Lab File: BG057923.D

Acq: 30 Jun 2023 17:39

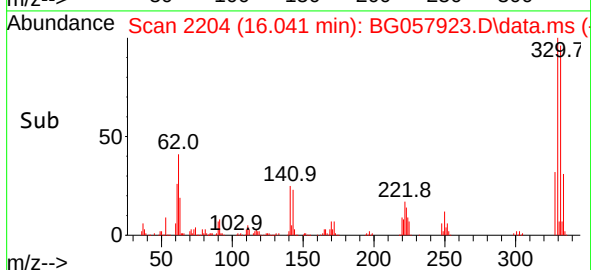
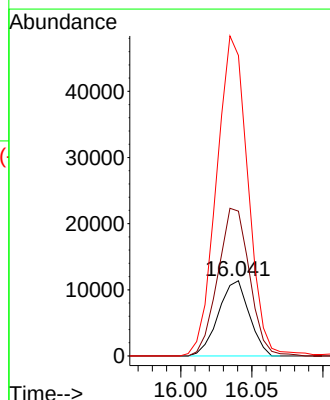
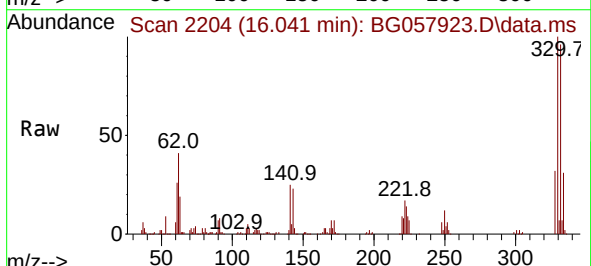
Tgt Ion:248 Resp: 17159

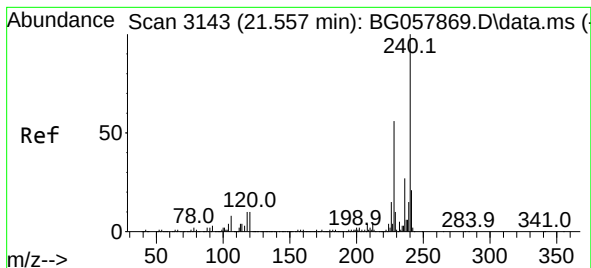
Ion Ratio Lower Upper

248 100

250 192.5 79.7 119.5#

141 399.3 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.546 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG057923.D

Acq: 30 Jun 2023 17:39

Instrument :

BNA_G

ClientSampleId :

DUP-01

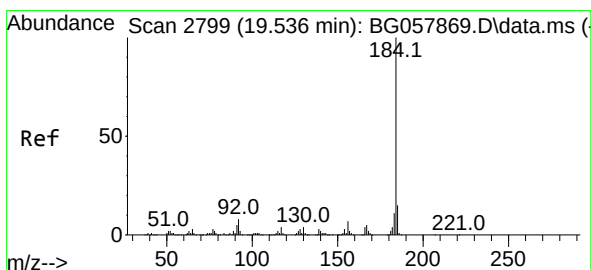
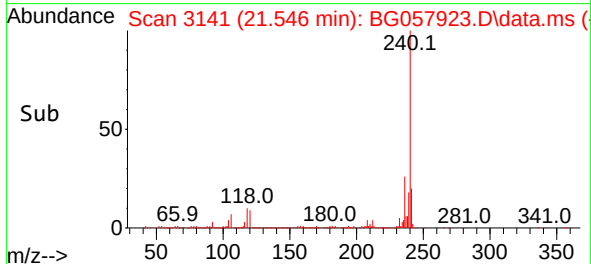
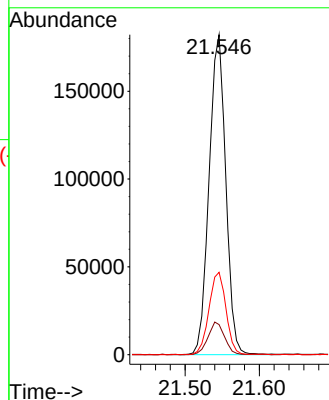
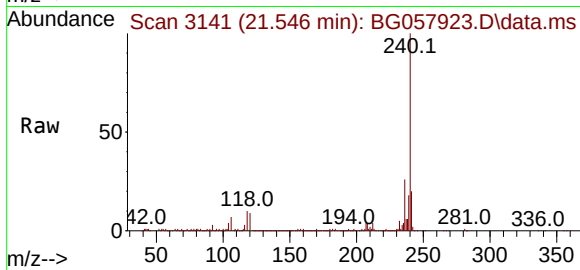
Tgt Ion:240 Resp: 284265

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

236 25.7 21.9 32.9



#77

Benzidine

Concen: 2.582 ng

RT: 19.912 min Scan# 2863

Delta R.T. 0.376 min

Lab File: BG057923.D

Acq: 30 Jun 2023 17:39

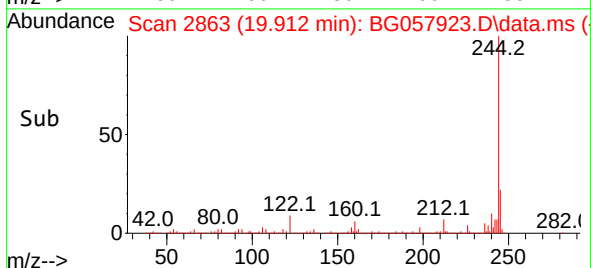
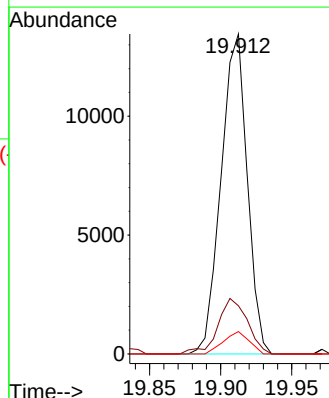
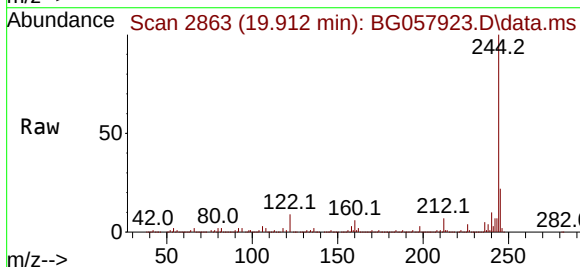
Tgt Ion:184 Resp: 17218

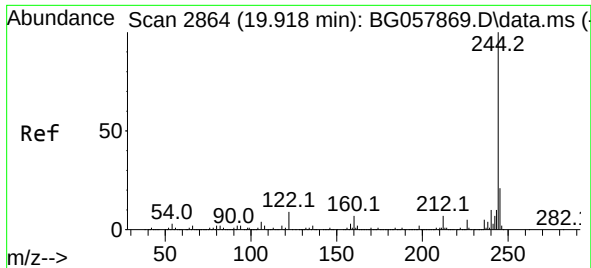
Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

183 7.0 9.0 13.4#

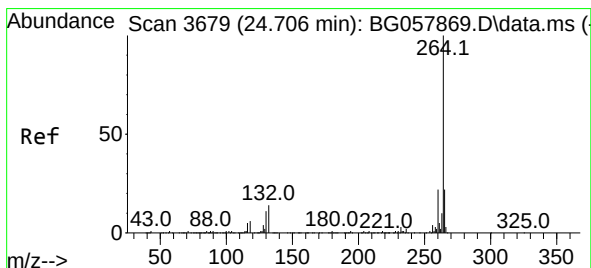
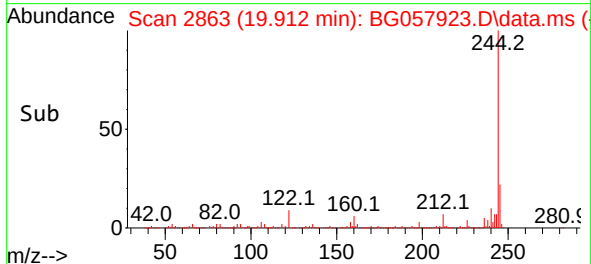
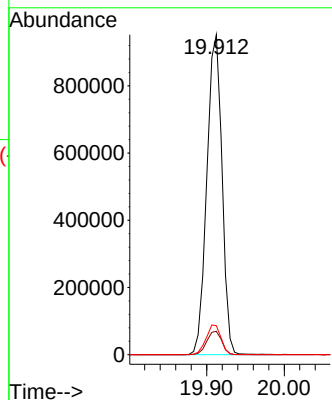
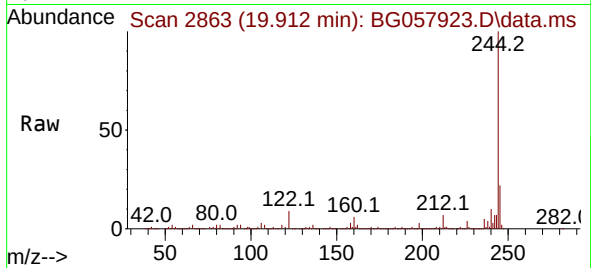




#79
 Terphenyl-d14
 Concen: 82.800 ng
 RT: 19.912 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057923.D
 Acq: 30 Jun 2023 17:39

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Tgt Ion:244 Resp: 1291052
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.0 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.683 min Scan# 3675
 Delta R.T. -0.023 min
 Lab File: BG057923.D
 Acq: 30 Jun 2023 17:39

Tgt Ion:264 Resp: 346938
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.8
 265 21.8 17.3 25.9

