

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057922.D
 Acq On : 30 Jun 2023 16:57
 Operator : CG/JU
 Sample : 03376-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Quant Time: Jun 30 17:56:19 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)

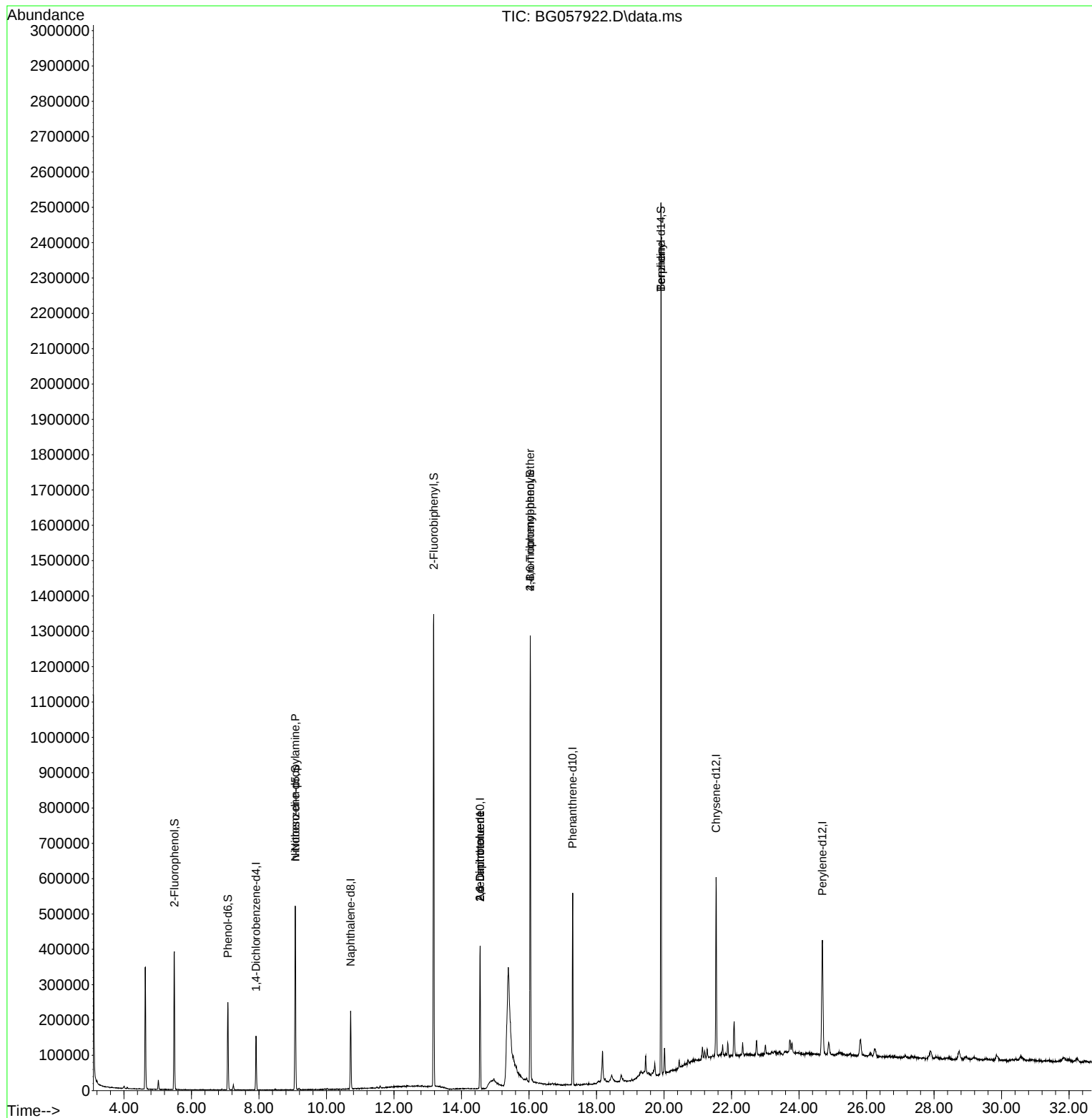
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	42297	20.000	ng	-0.01
21) Naphthalene-d8	10.714	136	182652	20.000	ng	-0.01
39) Acenaphthene-d10	14.550	164	145248	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	341372	20.000	ng	0.00
76) Chrysene-d12	21.542	240	285319	20.000	ng	-0.01
86) Perylene-d12	24.691	264	348461	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	171350	61.982	ng	0.00
7) Phenol-d6	7.077	99	153233	37.067	ng	0.00
23) Nitrobenzene-d5	9.074	82	316567	84.939	ng	-0.01
42) 2,4,6-Tribromophenol	16.037	330	272111	111.540	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	743820	78.149	ng	0.00
79) Terphenyl-d14	19.909	244	1270943	81.209	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.065	77	355	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.074	70	38896	14.061	ng	# 80
51) 2,6-Dinitrotoluene	14.550	165	19055	7.972	ng	# 24
57) 2,4-Dinitrotoluene	14.550	165	19055	5.494	ng	# 22
67) 4-Bromophenyl-phenylether	16.037	248	17288	4.798	ng	# 1
77) Benzidine	19.909	184	16456	2.458	ng	# 91

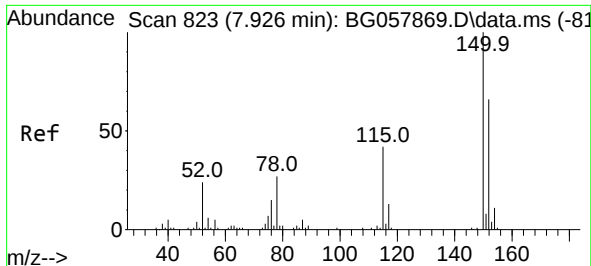
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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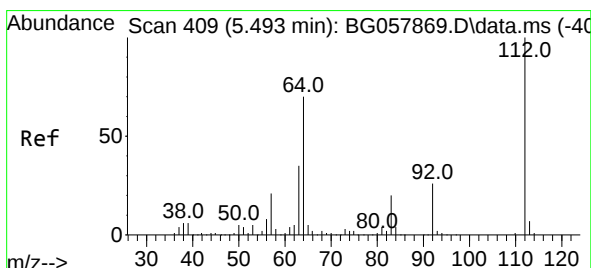
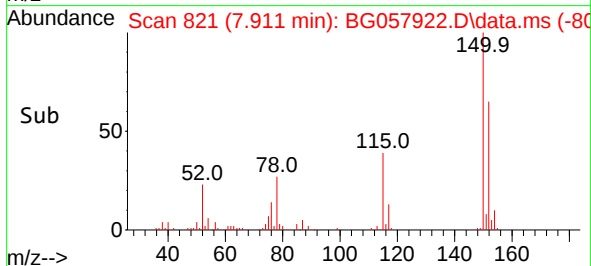
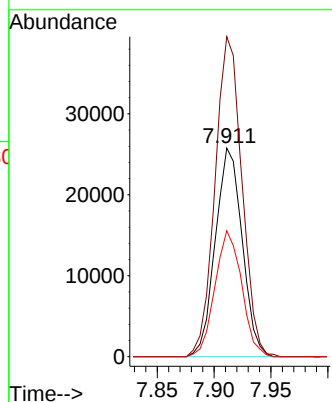
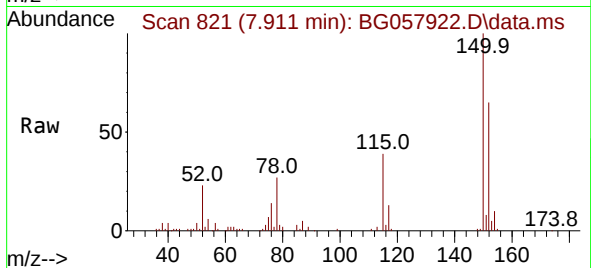




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

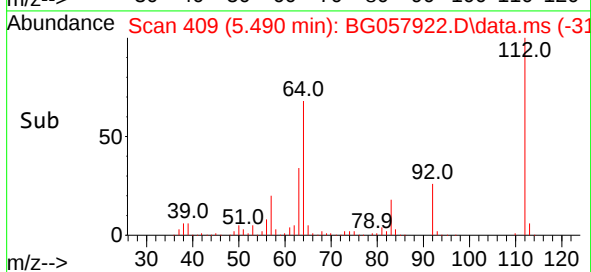
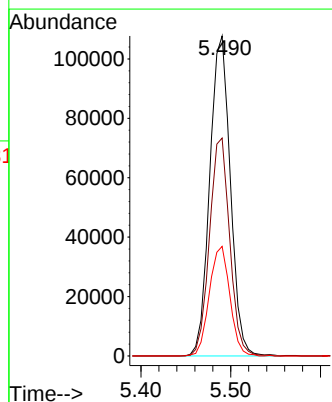
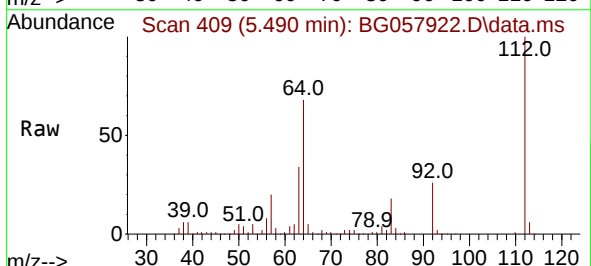
Instrument :
BNA_G
ClientSampleId :
TW-2

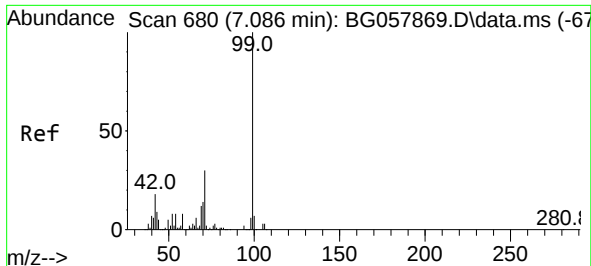
Tgt Ion:152 Resp: 42297
Ion Ratio Lower Upper
152 100
150 153.3 122.0 183.0
115 60.4 50.7 76.1



#5
2-Fluorophenol
Concen: 61.982 ng
RT: 5.490 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

Tgt Ion:112 Resp: 171350
Ion Ratio Lower Upper
112 100
64 68.1 55.8 83.6
63 34.2 27.9 41.9

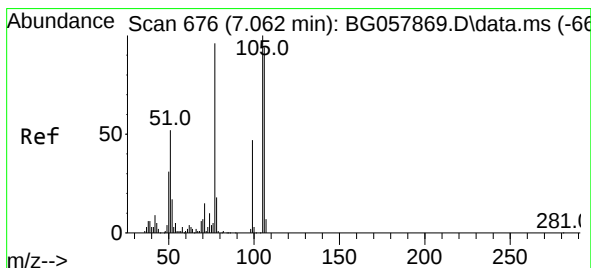
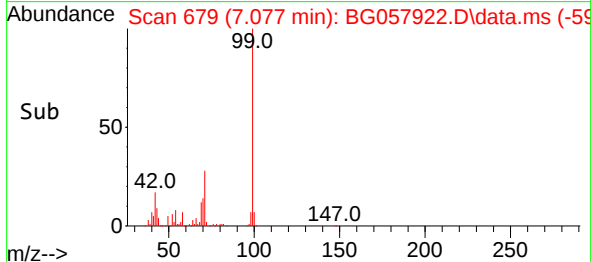
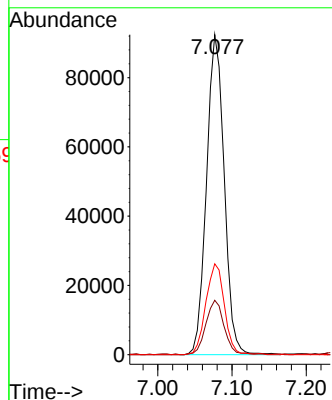
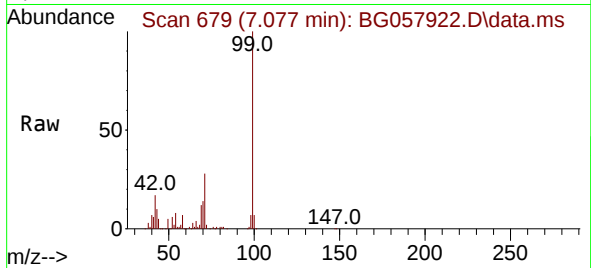




#7
Phenol-d6
Concen: 37.067 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

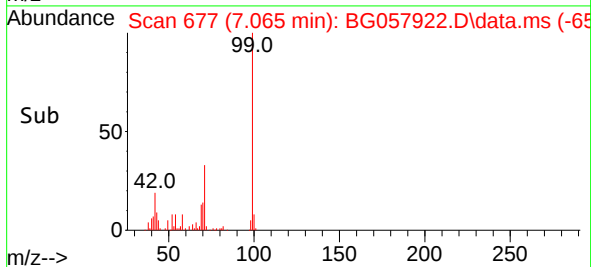
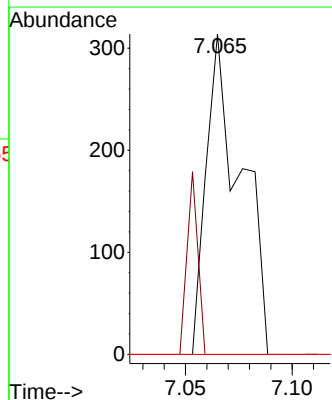
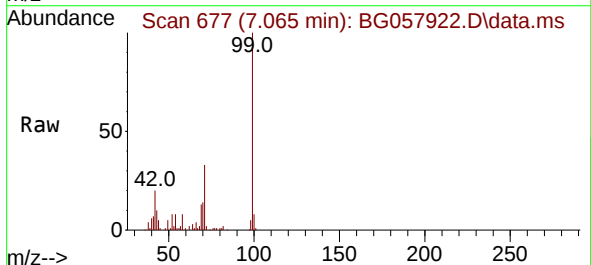
Instrument :
BNA_G
ClientSampleId :
TW-2

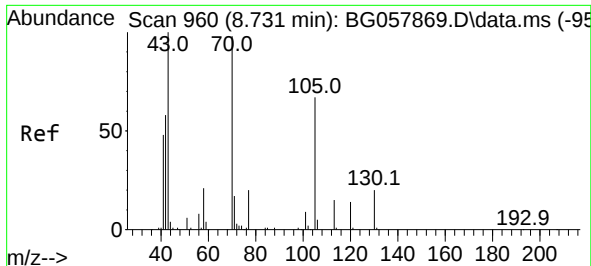
Tgt Ion: 99 Resp: 153233
Ion Ratio Lower Upper
99 100
42 17.0 14.2 21.4
71 28.4 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.065 min Scan# 677
Delta R.T. 0.003 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

Tgt Ion: 77 Resp: 355
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

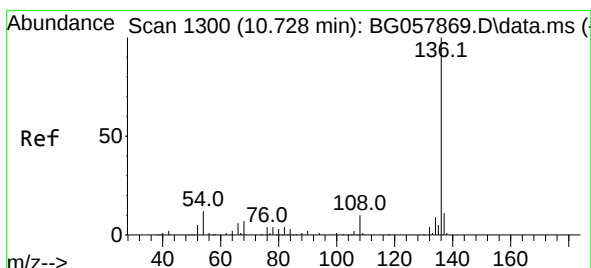
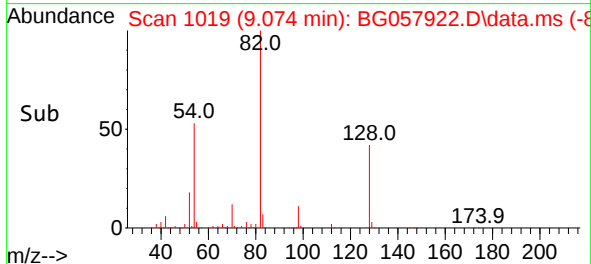
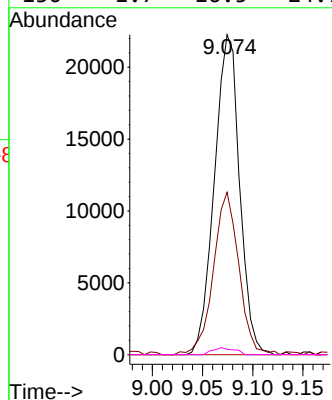
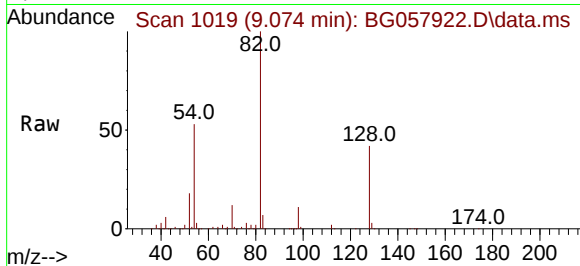




#19
n-Nitroso-di-n-propylamine
Concen: 14.061 ng
RT: 9.074 min Scan# 11
Delta R.T. 0.344 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

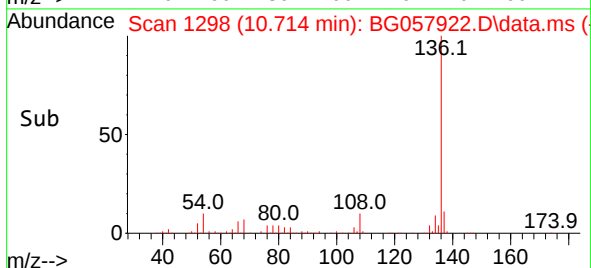
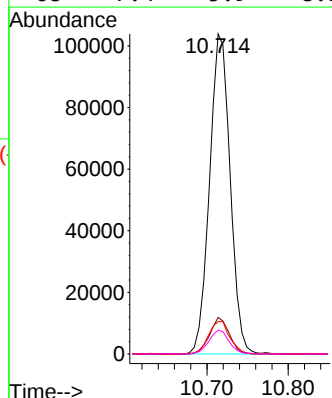
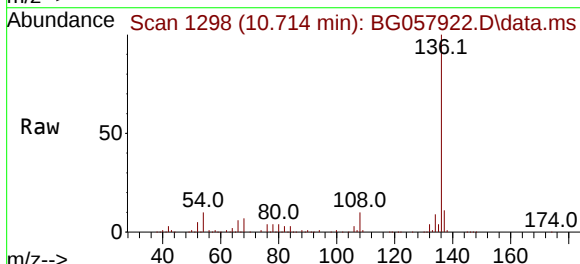
Instrument :
BNA_G
ClientSampleId :
TW-2

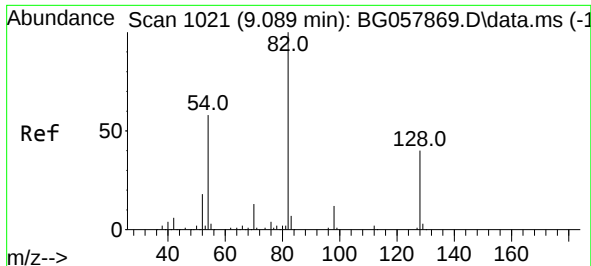
Tgt Ion:	70	Resp:	38896
Ion	Ratio	Lower	Upper
70	100		
42	50.8	48.4	72.6
101	0.0	7.2	10.8#
130	1.7	16.5	24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1298
Delta R.T. -0.015 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

Tgt Ion:	136	Resp:	182652
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	10.1	9.3	13.9
68	7.4	5.9	8.9

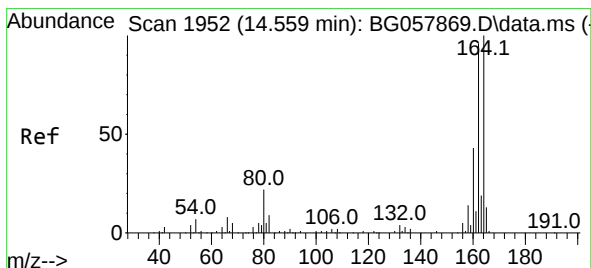
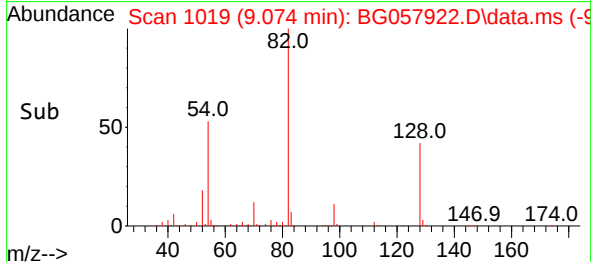
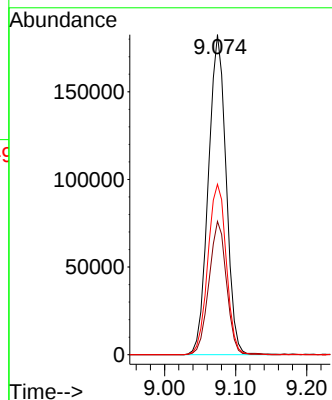
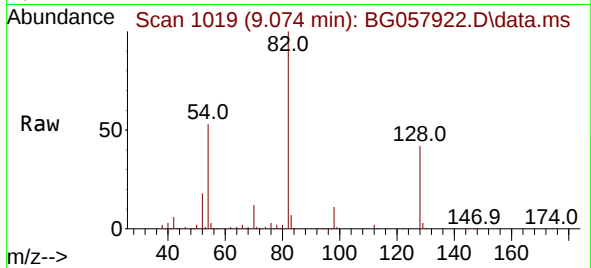




#23
 Nitrobenzene-d5
 Concen: 84.939 ng
 RT: 9.074 min Scan# 1019
 Delta R.T. -0.015 min
 Lab File: BG057922.D
 Acq: 30 Jun 2023 16:57

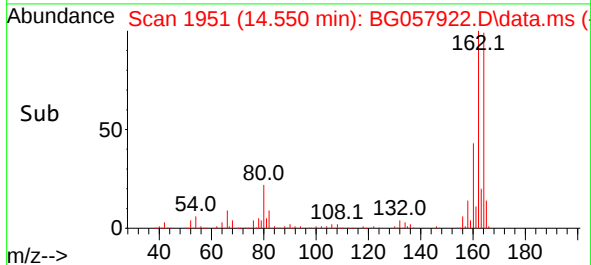
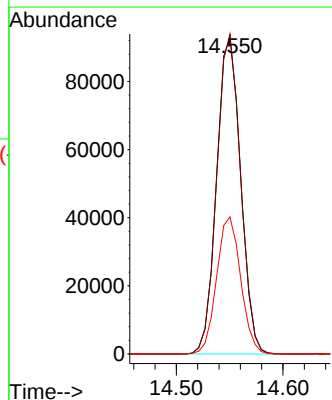
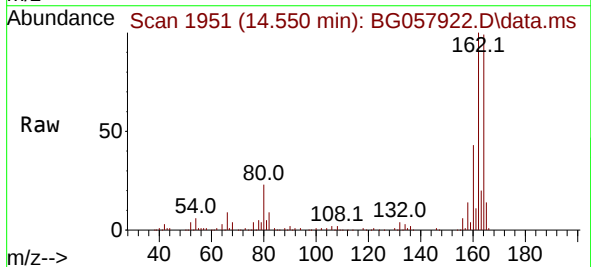
Instrument :
 BNA_G
 ClientSampleId :
 TW-2

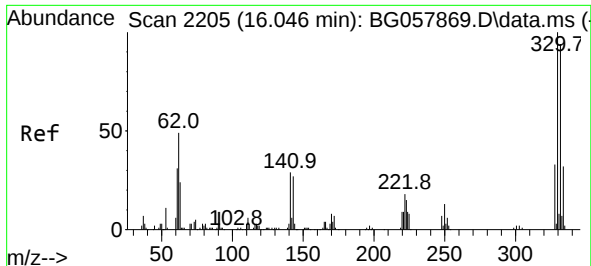
Tgt Ion: 82 Resp: 316567
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.2 48.4
 54 53.2 46.1 69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.550 min Scan# 1951
 Delta R.T. -0.009 min
 Lab File: BG057922.D
 Acq: 30 Jun 2023 16:57

Tgt Ion:164 Resp: 145248
 Ion Ratio Lower Upper
 164 100
 162 101.2 76.4 114.6
 160 43.4 34.2 51.2

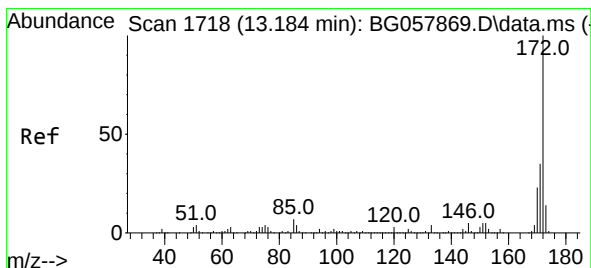
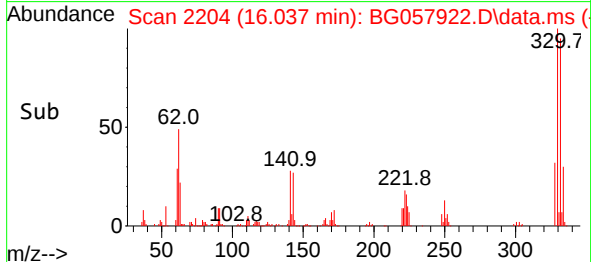
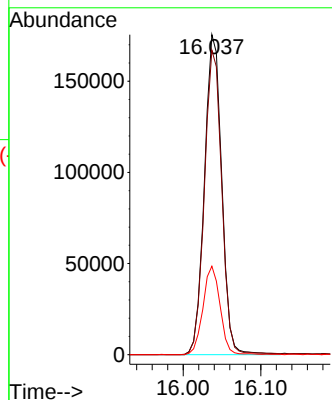
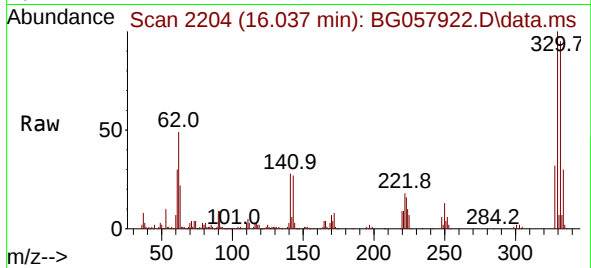




#42
 2,4,6-Tribromophenol
 Concen: 111.540 ng
 RT: 16.037 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057922.D
 Acq: 30 Jun 2023 16:57

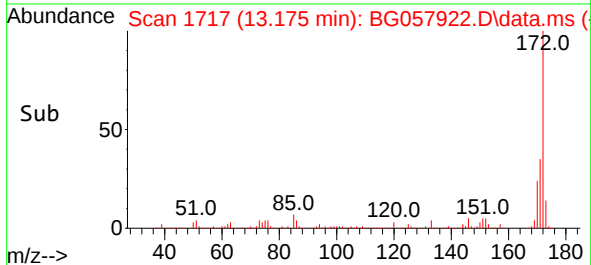
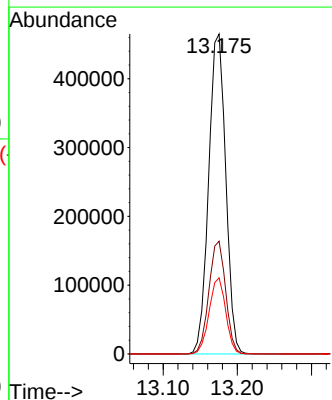
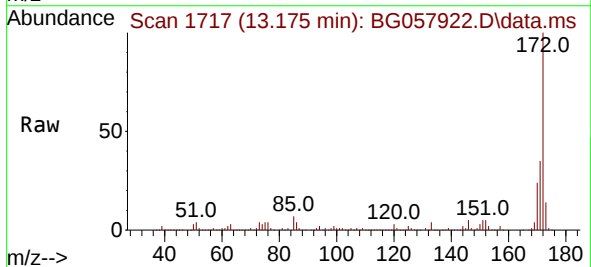
Instrument :
 BNA_G
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 TW-2

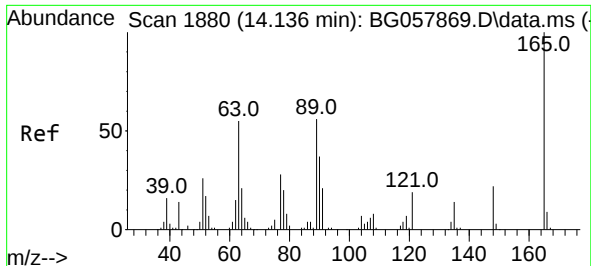
Tgt Ion:330 Resp: 272111
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 27.4 22.2 33.4



#45
 2-Fluorobiphenyl
 Concen: 78.149 ng
 RT: 13.175 min Scan# 1717
 Delta R.T. -0.009 min
 Lab File: BG057922.D
 Acq: 30 Jun 2023 16:57

Tgt Ion:172 Resp: 743820
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.8
 170 23.8 18.6 27.8

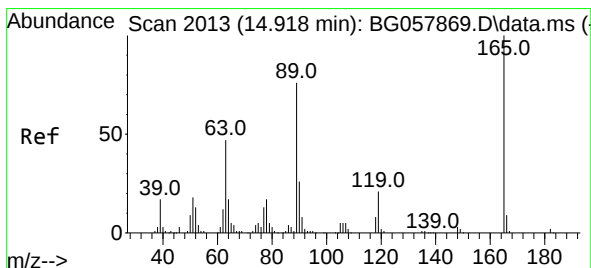
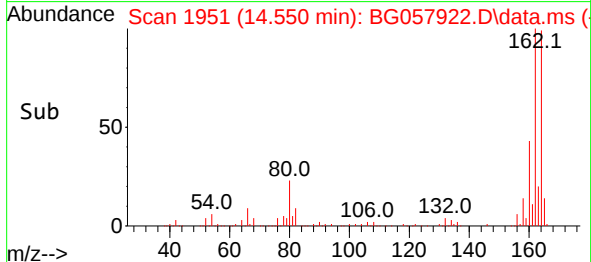
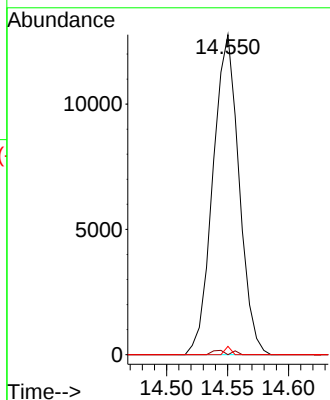
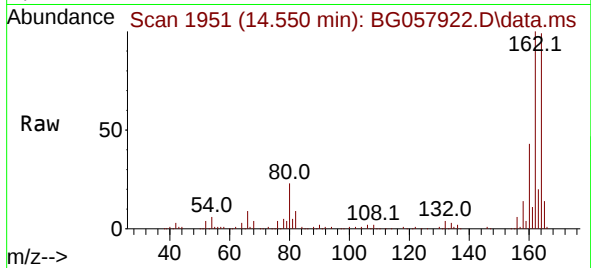




#51
2,6-Dinitrotoluene
Concen: 7.972 ng
RT: 14.550 min Scan# 1951
Delta R.T. 0.414 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

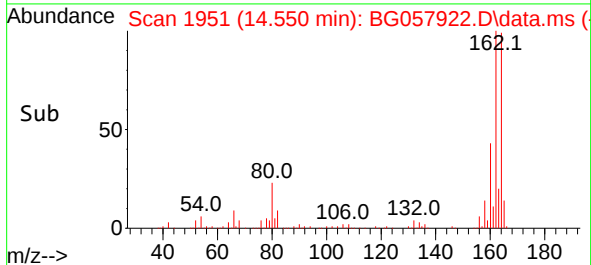
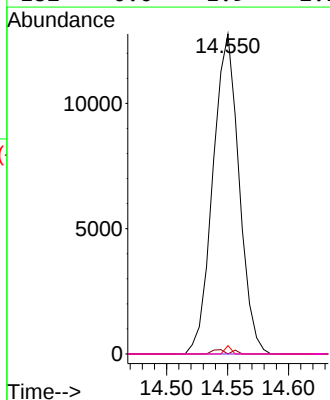
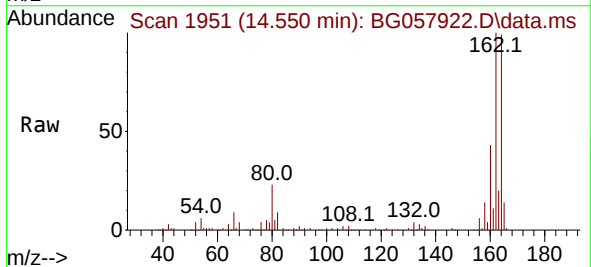
Instrument :
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ClientSampleId :
TW-2

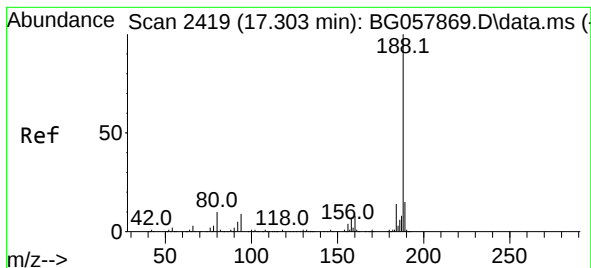
Tgt Ion:165 Resp: 19055
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 2.6 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.494 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.367 min
Lab File: BG057922.D
Acq: 30 Jun 2023 16:57

Tgt Ion:165 Resp: 19055
Ion Ratio Lower Upper
165 100
63 0.0 37.6 56.4#
89 2.6 61.0 91.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.294 min Scan# 2419

Delta R.T. -0.009 min

Lab File: BG057922.D

Acq: 30 Jun 2023 16:57

Instrument :

BNA_G

ClientSampleId :

TW-2

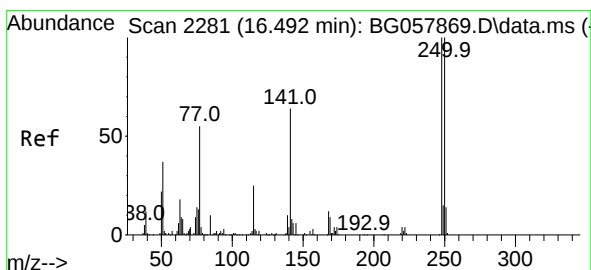
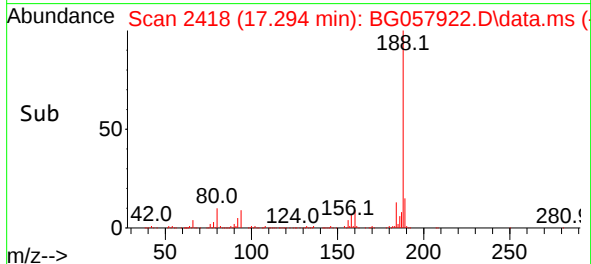
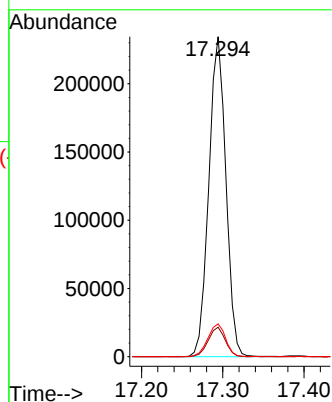
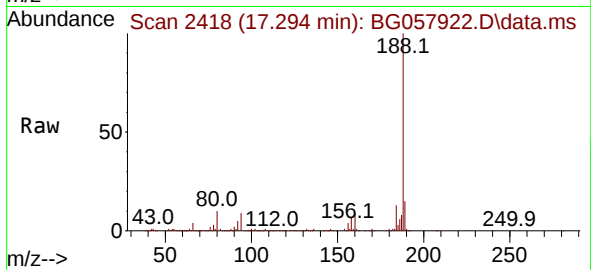
Tgt Ion:188 Resp: 341372

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 10.2 8.4 12.6



#67

4-Bromophenyl-phenylether

Concen: 4.798 ng

RT: 16.037 min Scan# 2204

Delta R.T. -0.455 min

Lab File: BG057922.D

Acq: 30 Jun 2023 16:57

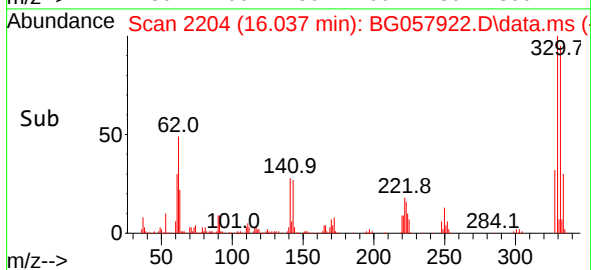
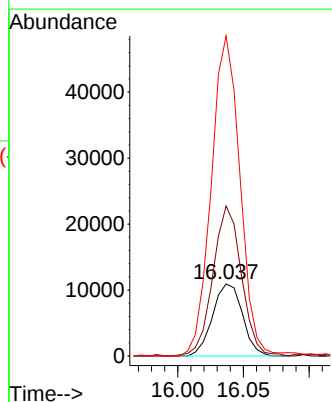
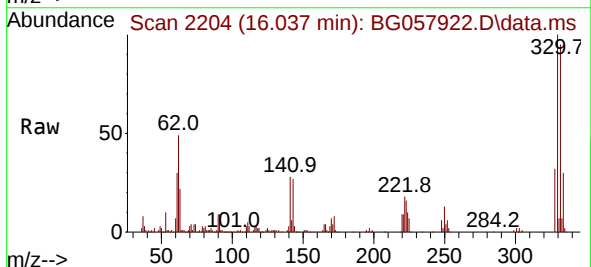
Tgt Ion:248 Resp: 17288

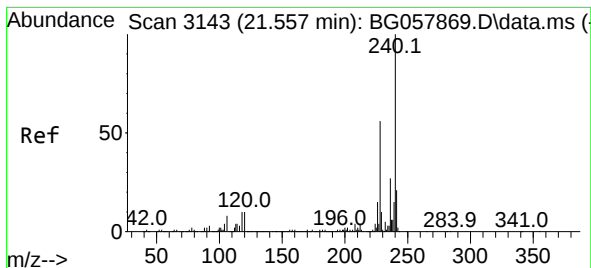
Ion Ratio Lower Upper

248 100

250 208.1 79.7 119.5#

141 444.3 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.542 min Scan# 3143

Delta R.T. -0.015 min

Lab File: BG057922.D

Acq: 30 Jun 2023 16:57

Instrument :

BNA_G

ClientSampleId :

TW-2

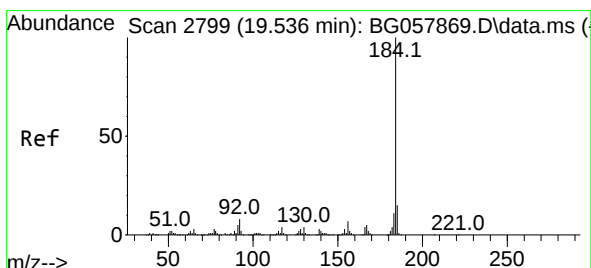
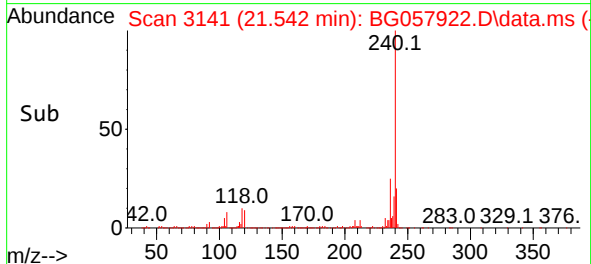
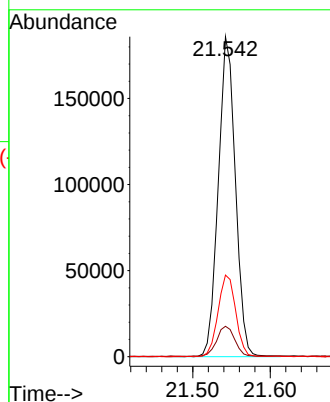
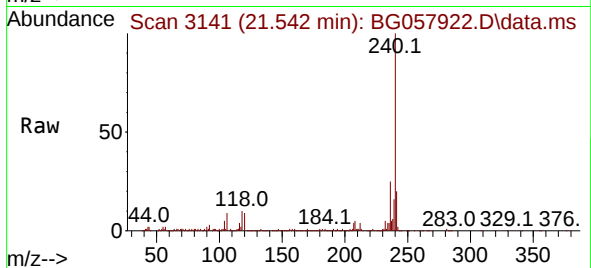
Tgt Ion:240 Resp: 285319

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

236 25.5 21.9 32.9



#77

Benzidine

Concen: 2.458 ng

RT: 19.909 min Scan# 2863

Delta R.T. 0.373 min

Lab File: BG057922.D

Acq: 30 Jun 2023 16:57

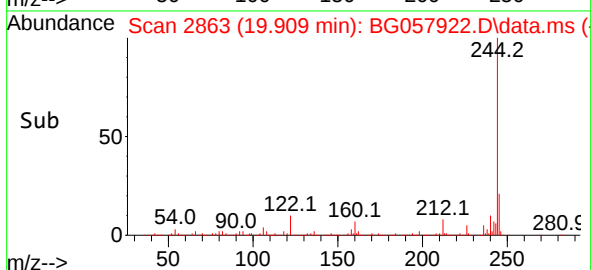
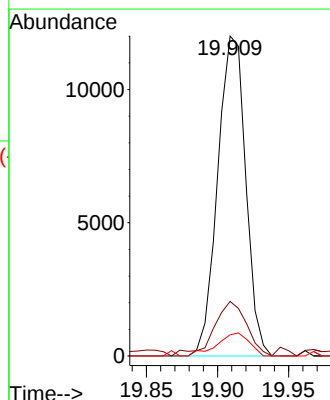
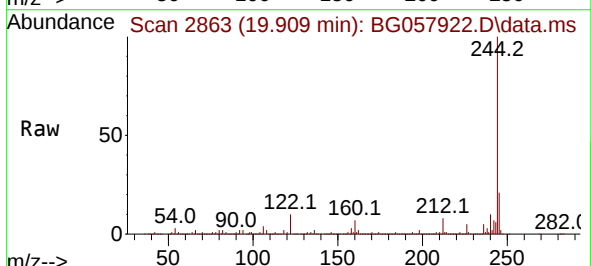
Tgt Ion:184 Resp: 16456

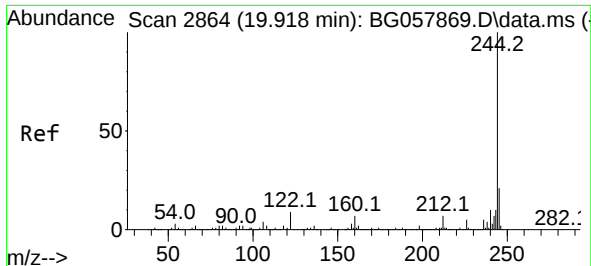
Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

183 6.6 9.0 13.4#

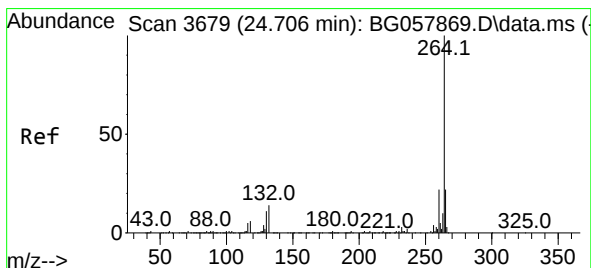
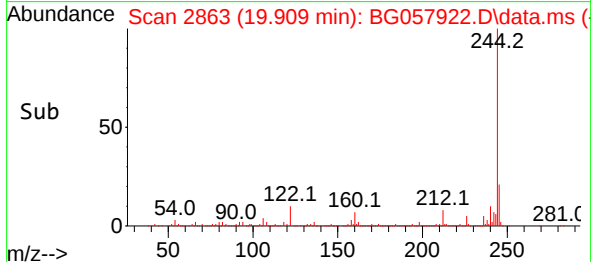
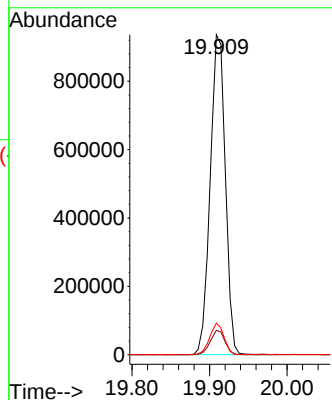
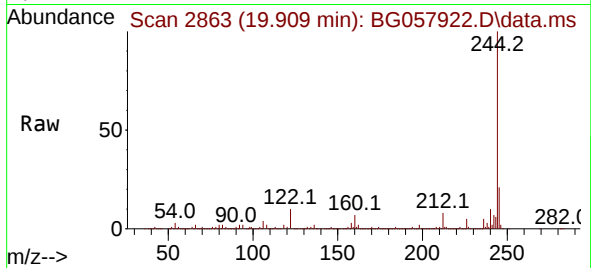




#79
 Terphenyl-d14
 Concen: 81.209 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057922.D
 Acq: 30 Jun 2023 16:57

Instrument :
 BNA_G
 ClientSampleId :
 TW-2

Tgt Ion:244 Resp: 1270943
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.9 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.691 min Scan# 3677
 Delta R.T. -0.015 min
 Lab File: BG057922.D
 Acq: 30 Jun 2023 16:57

Tgt Ion:264 Resp: 348461
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.8 26.8
 265 23.1 17.3 25.9

