

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057911.D
 Acq On : 29 Jun 2023 19:32
 Operator : CG/JU
 Sample : 03429-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627

Quant Time: Jun 30 03:43:42 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)

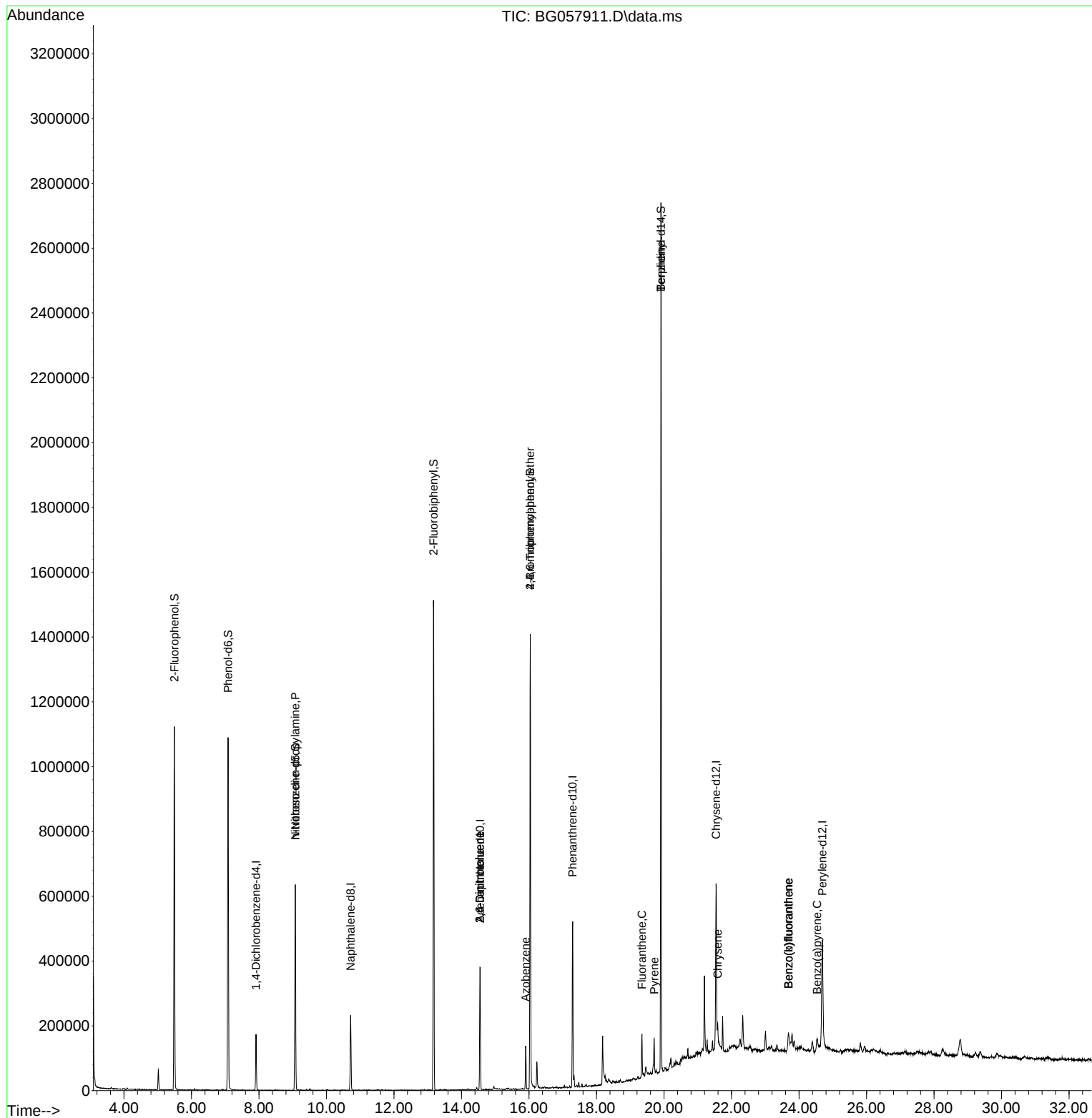
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	46832	20.000	ng	-0.01
21) Naphthalene-d8	10.714	136	198359	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	138169	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	333165	20.000	ng	0.00
76) Chrysene-d12	21.543	240	281922	20.000	ng	-0.01
86) Perylene-d12	24.692	264	345521	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	480170	156.871	ng	0.00
7) Phenol-d6	7.083	99	674852	147.439	ng	0.00
23) Nitrobenzene-d5	9.075	82	384286	94.944	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	308692	133.018	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	822639	90.858	ng	-0.01
79) Terphenyl-d14	19.910	244	1346499	87.073	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.083	77	1191	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.075	70	47917	15.645	ng	# 76
51) 2,6-Dinitrotoluene	14.545	165	17658	7.766	ng	# 24
57) 2,4-Dinitrotoluene	14.545	165	17658	5.352	ng	# 21
63) Azobenzene	15.903	77	36228	3.282	ng	# 1
67) 4-Bromophenyl-phenylether	16.038	248	19886	5.654	ng	# 1
75) Fluoranthene	19.346	202	74306	3.688	ng	100
77) Benzidine	19.910	184	17698	2.676	ng	# 90
78) Pyrene	19.710	202	69860	3.470	ng	97
83) Chrysene	21.590	228	42490	2.301	ng	96
88) Benzo(b)fluoranthene	23.688	252	65837	3.494	ng	# 98
89) Benzo(k)fluoranthene	23.688	252	65837	3.457	ng	# 97
90) Benzo(a)pyrene	24.534	252	41402	2.218	ng	95

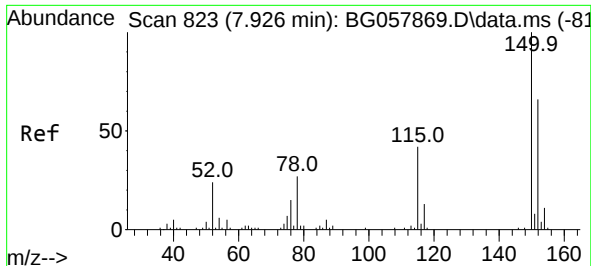
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
Data File : BG057911.D
Acq On : 29 Jun 2023 19:32
Operator : CG/JU
Sample : 03429-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

Quant Time: Jun 30 03:43:42 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

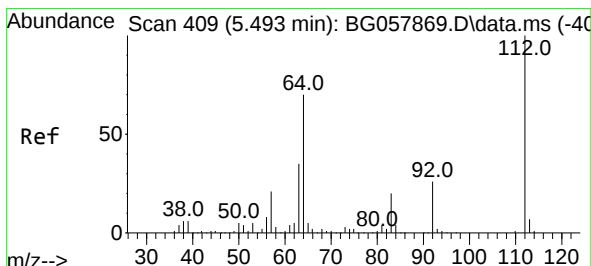
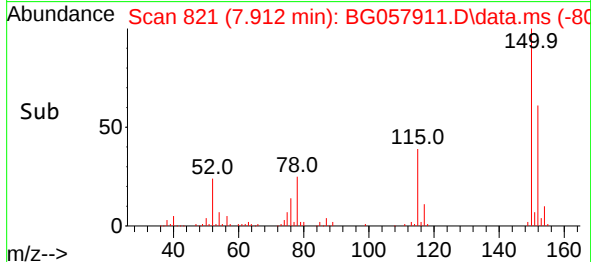
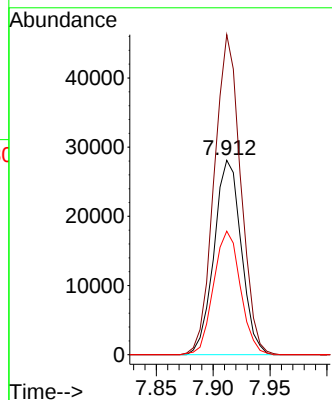
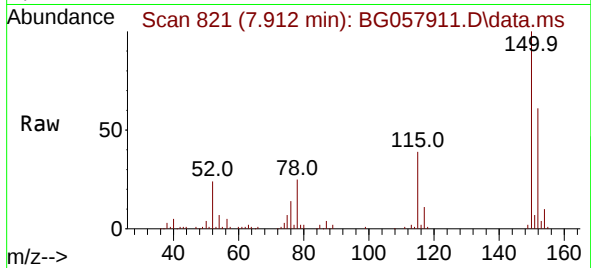




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

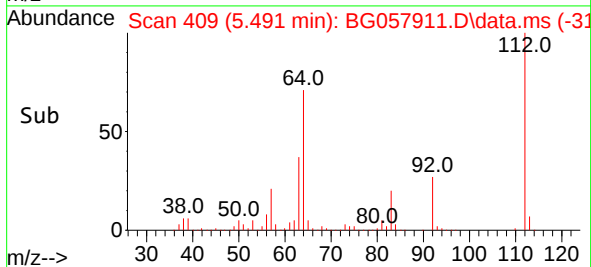
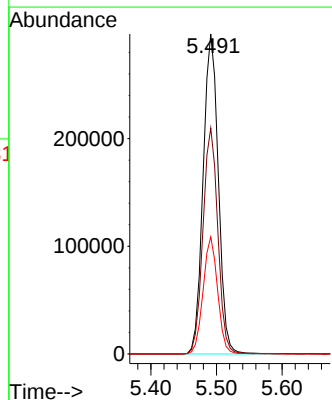
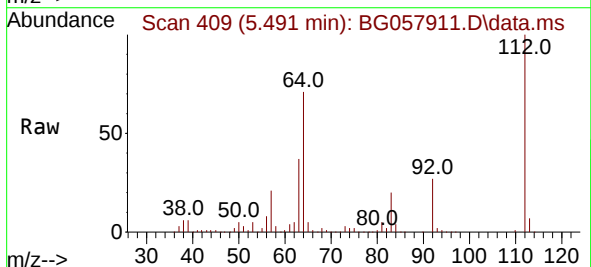
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

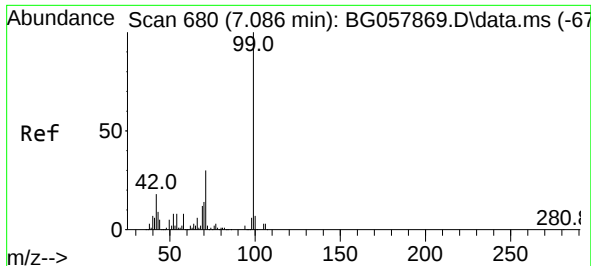
Tgt Ion:152 Resp: 46832
Ion Ratio Lower Upper
152 100
150 164.6 122.0 183.0
115 63.5 50.7 76.1



#5
2-Fluorophenol
Concen: 156.871 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:112 Resp: 480170
Ion Ratio Lower Upper
112 100
64 70.6 55.8 83.6
63 36.6 27.9 41.9

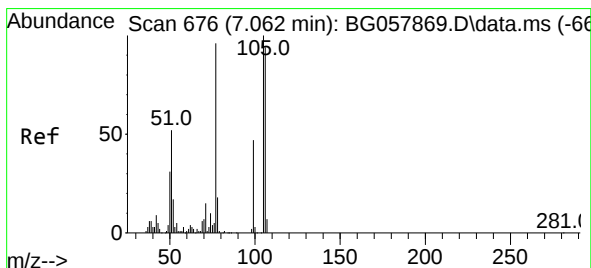
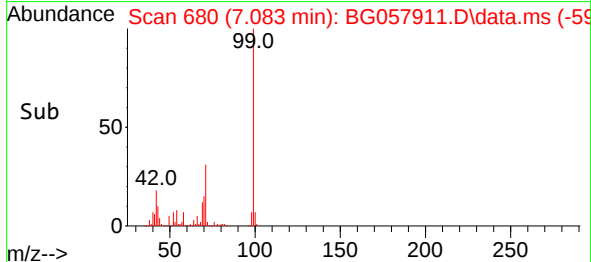
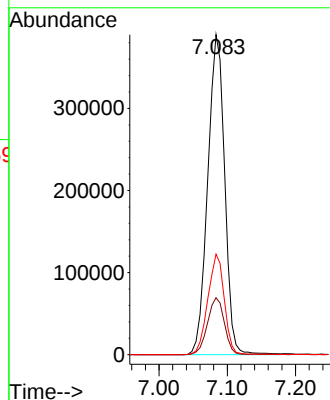
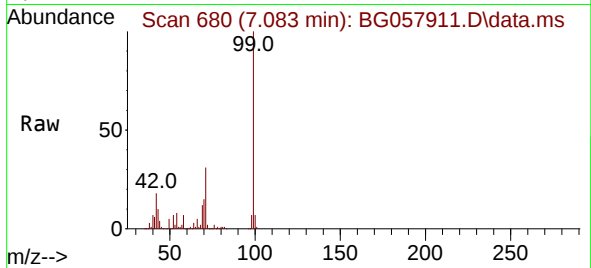




#7
Phenol-d6
Concen: 147.439 ng
RT: 7.083 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

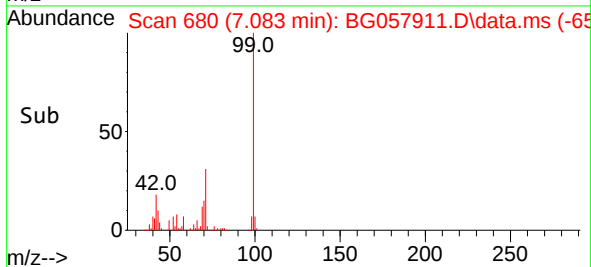
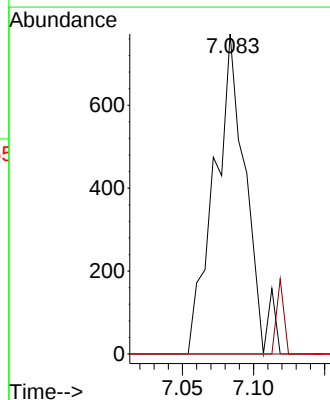
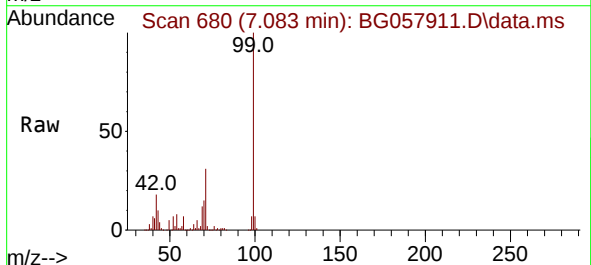
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

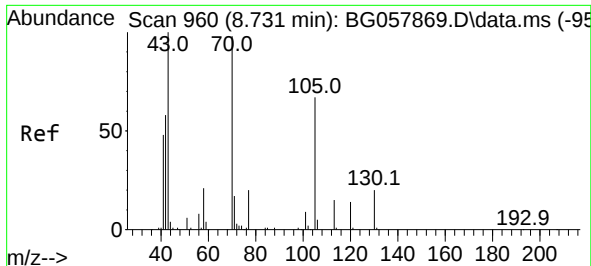
Tgt Ion: 99 Resp: 674852
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 31.4 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.083 min Scan# 680
Delta R.T. 0.021 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion: 77 Resp: 1191
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

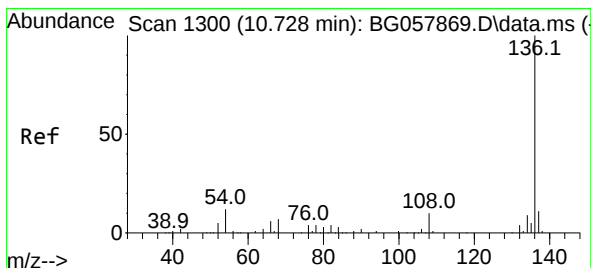
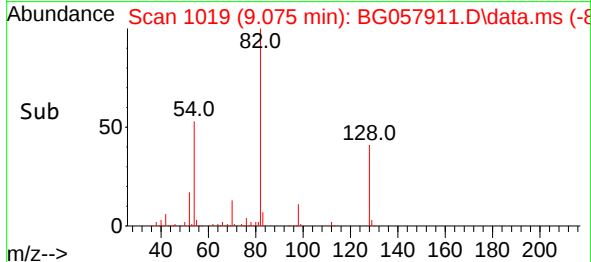
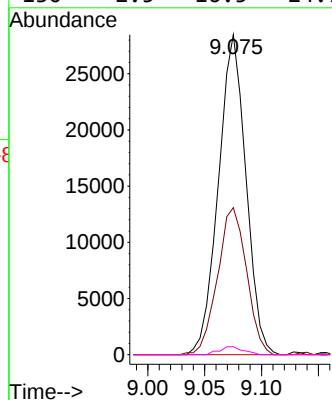
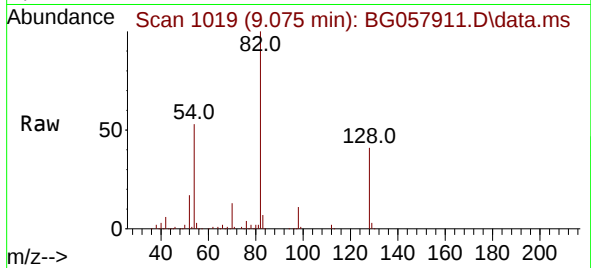




#19
n-Nitroso-di-n-propylamine
Concen: 15.645 ng
RT: 9.075 min Scan# 1019
Delta R.T. 0.345 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

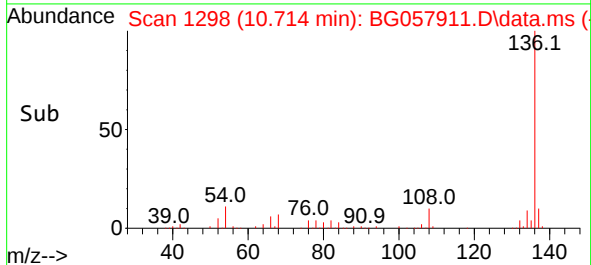
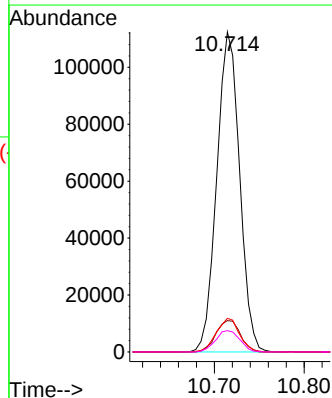
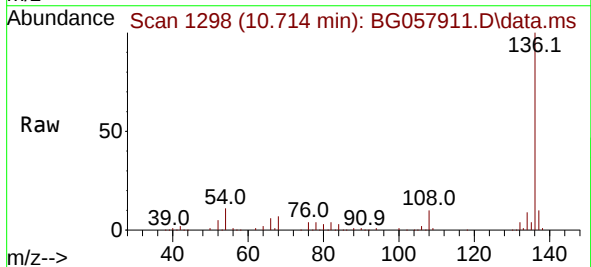
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

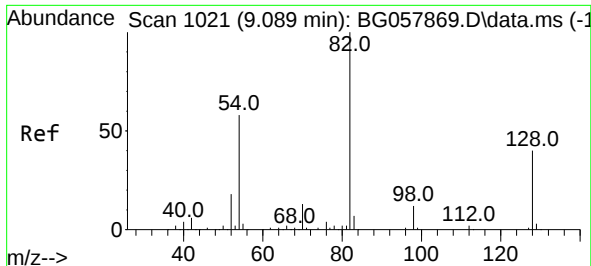
Tgt Ion: 70 Resp: 47917
Ion Ratio Lower Upper
70 100
42 46.0 48.4 72.6#
101 0.0 7.2 10.8#
130 2.5 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion: 136 Resp: 198359
Ion Ratio Lower Upper
136 100
137 9.8 8.6 12.8
54 10.5 9.3 13.9
68 6.6 5.9 8.9

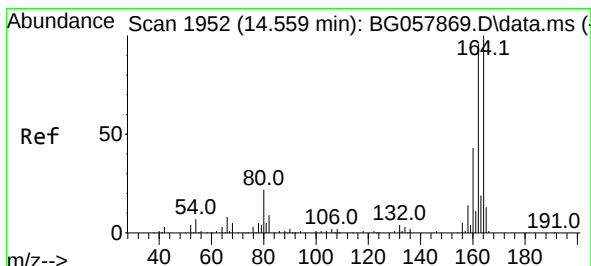
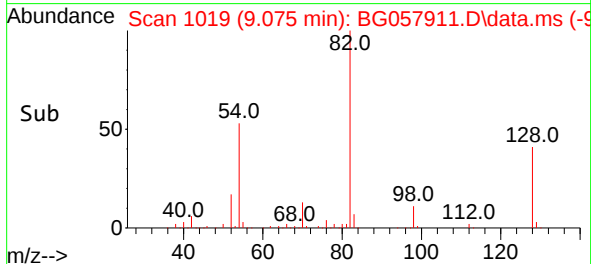
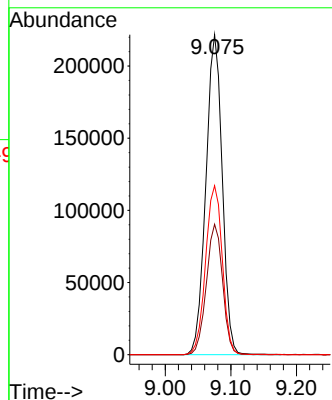
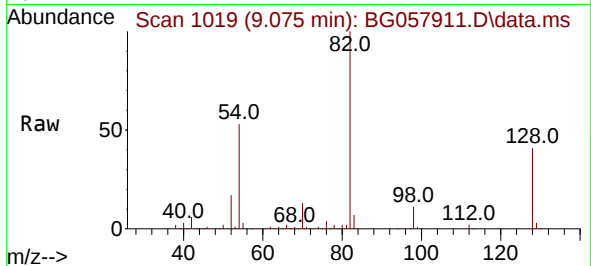




#23
Nitrobenzene-d5
Concen: 94.944 ng
RT: 9.075 min Scan# 1019
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

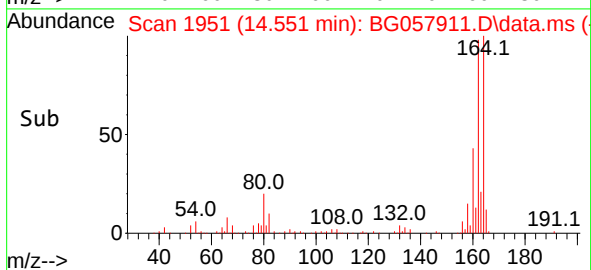
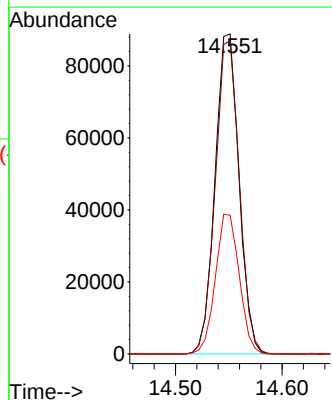
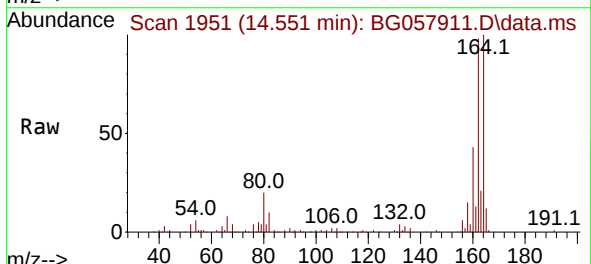
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

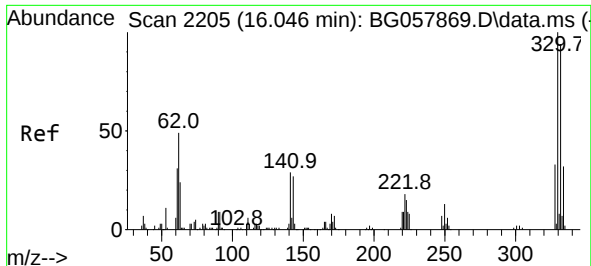
Tgt Ion: 82 Resp: 384286
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.4
54 52.8 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion: 164 Resp: 138169
Ion Ratio Lower Upper
164 100
162 97.8 76.4 114.6
160 43.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 133.018 ng

RT: 16.038 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG057911.D

Acq: 29 Jun 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SB-COMP-0627

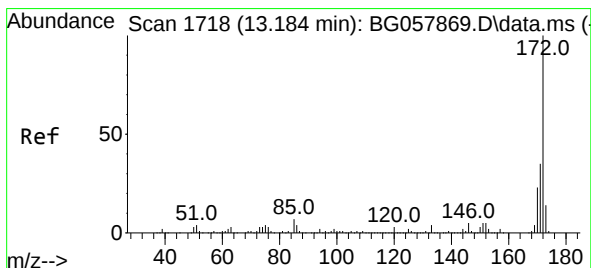
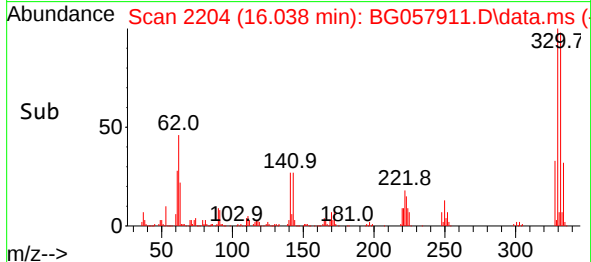
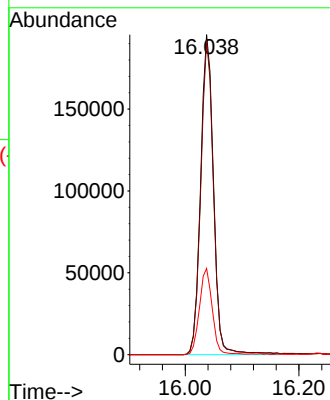
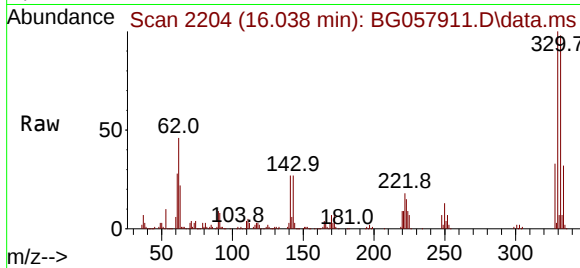
Tgt Ion:330 Resp: 308692

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 26.8 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 90.858 ng

RT: 13.170 min Scan# 1716

Delta R.T. -0.014 min

Lab File: BG057911.D

Acq: 29 Jun 2023 19:32

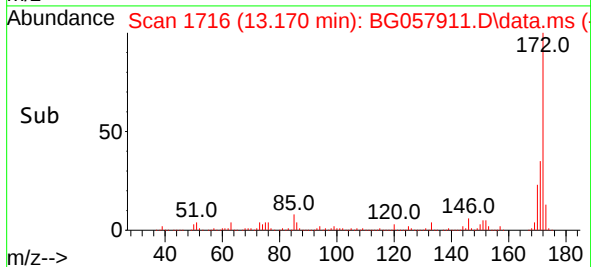
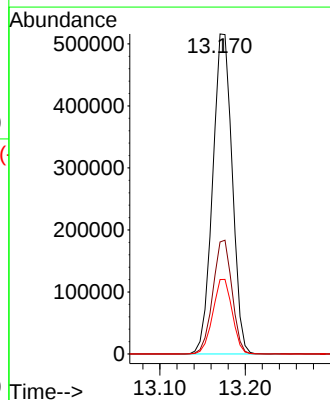
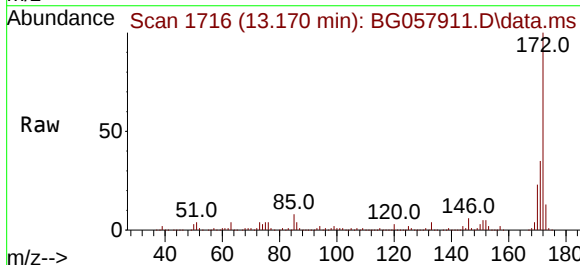
Tgt Ion:172 Resp: 822639

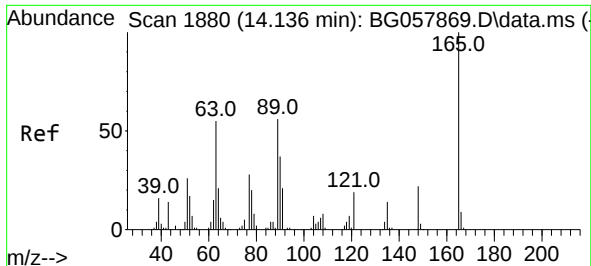
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.2 18.6 27.8

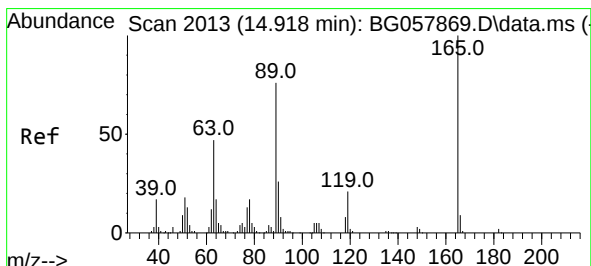
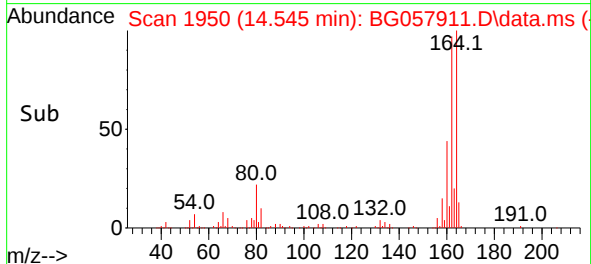
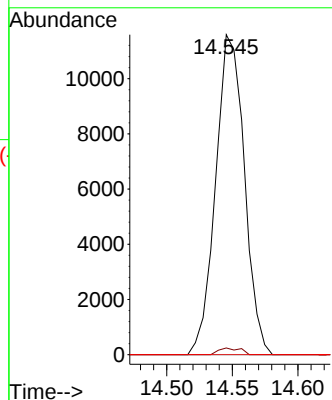
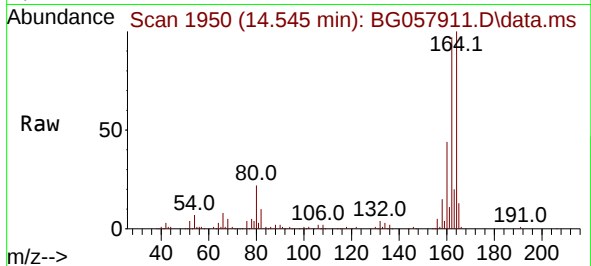




#51
2,6-Dinitrotoluene
Concen: 7.766 ng
RT: 14.545 min Scan# 1950
Delta R.T. 0.409 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

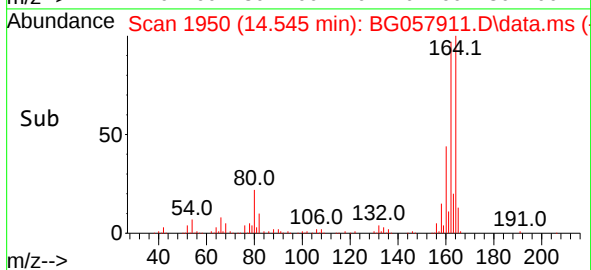
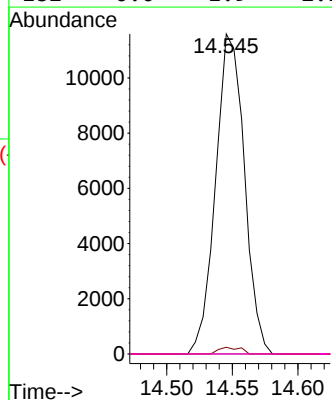
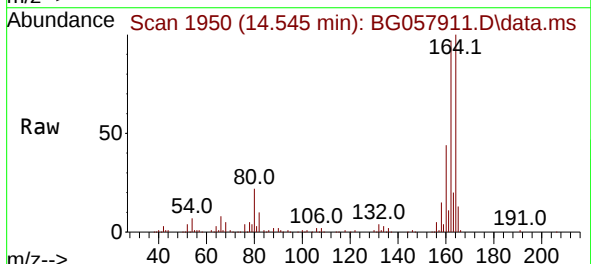
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

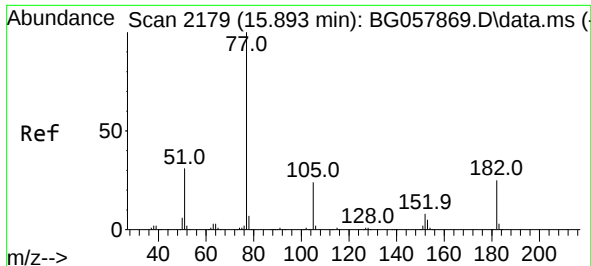
Tgt Ion:165 Resp: 17658
Ion Ratio Lower Upper
165 100
63 2.1 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.352 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.372 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:165 Resp: 17658
Ion Ratio Lower Upper
165 100
63 2.1 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#

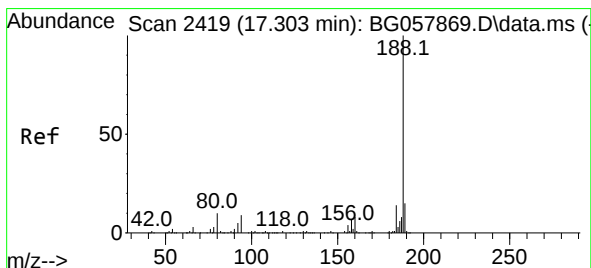
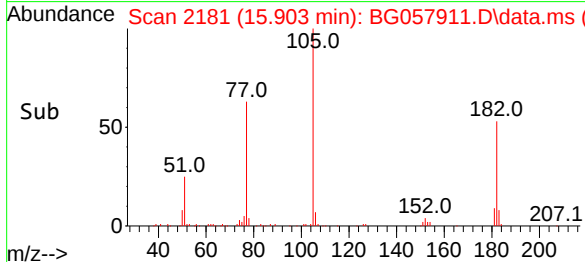
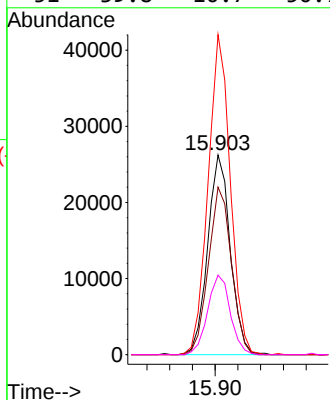
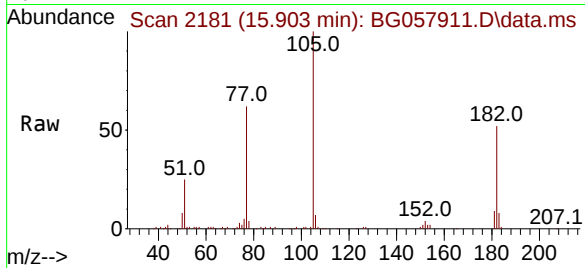




#63
Azobenzene
Concen: 3.282 ng
RT: 15.903 min Scan# 2179
Delta R.T. 0.010 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

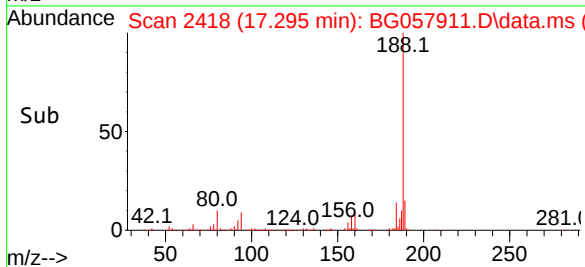
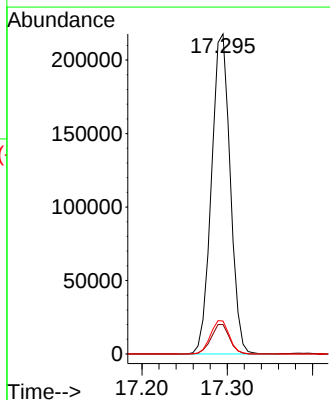
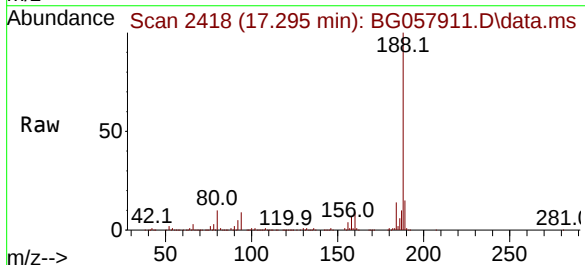
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

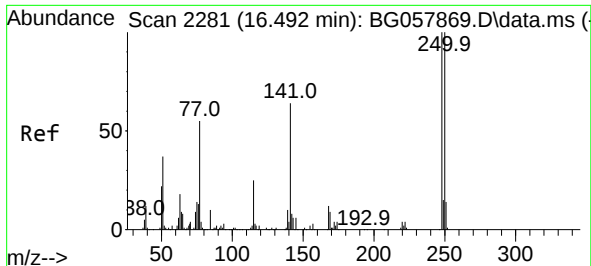
Tgt Ion: 77	Resp: 36228
Ion Ratio	Lower Upper
77 100	
182 83.9	5.1 45.1#
105 160.3	3.9 43.9#
51 39.8	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion: 188	Resp: 333165
Ion Ratio	Lower Upper
188 100	
94 9.2	7.2 10.8
80 10.3	8.4 12.6

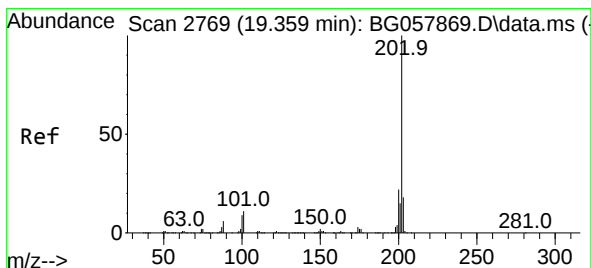
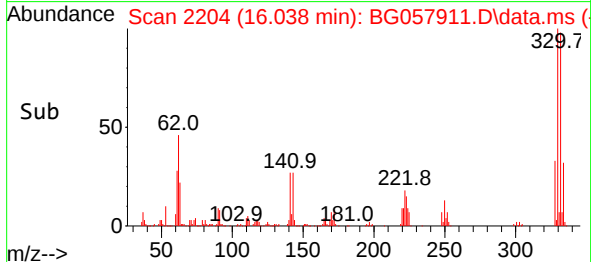
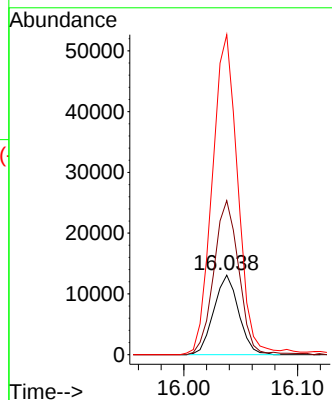
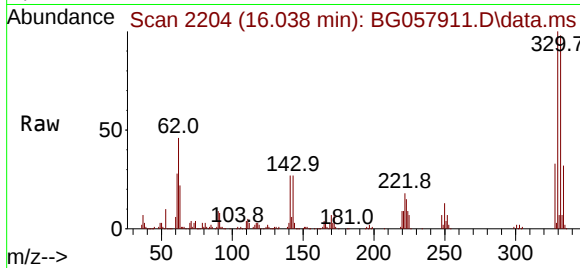




#67
4-Bromophenyl-phenylether
Concen: 5.654 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

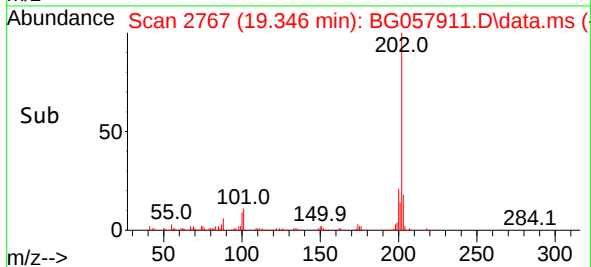
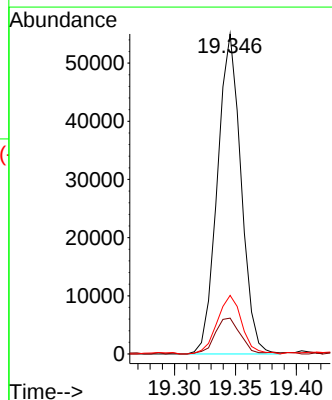
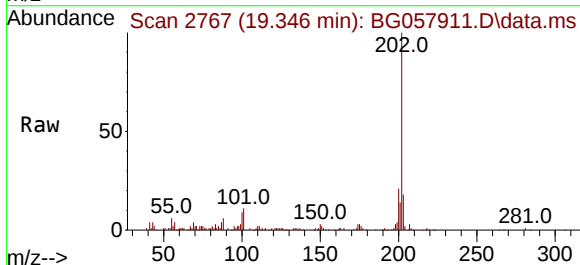
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

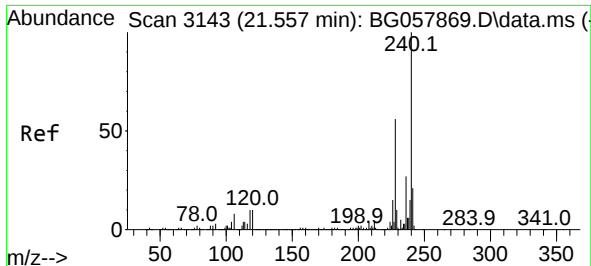
Tgt Ion:248 Resp: 19886
Ion Ratio Lower Upper
248 100
250 193.8 79.7 119.5#
141 402.4 50.8 76.2#



#75
Fluoranthene
Concen: 3.688 ng
RT: 19.346 min Scan# 2767
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:202 Resp: 74306
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 18.3 0.0 38.2

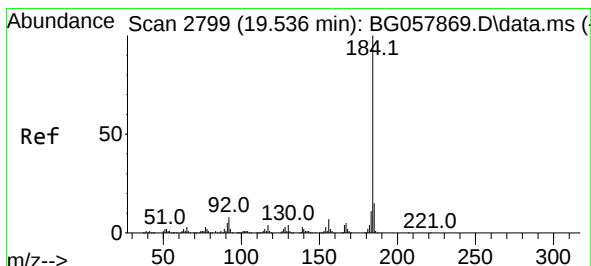
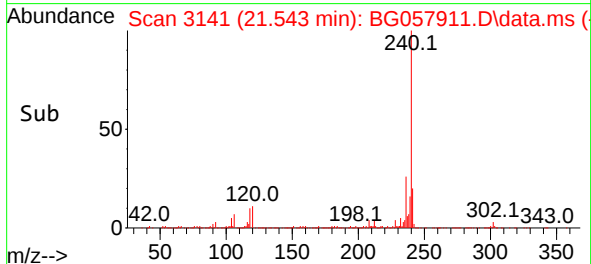
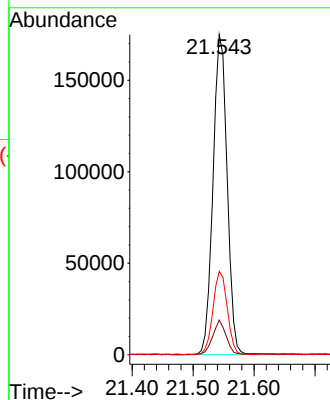
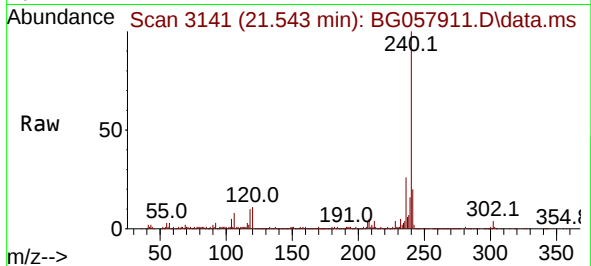




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3143
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

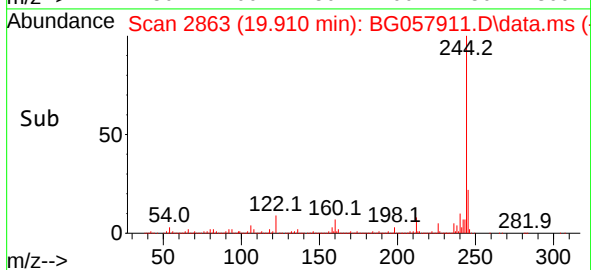
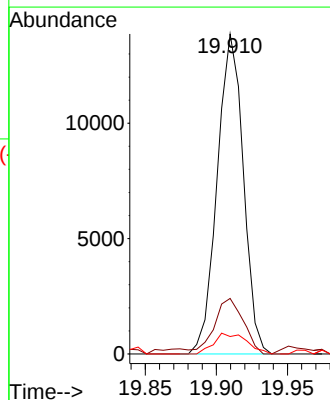
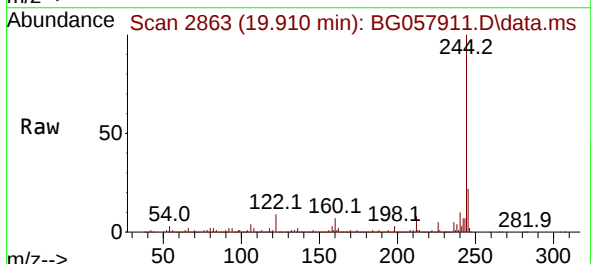
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

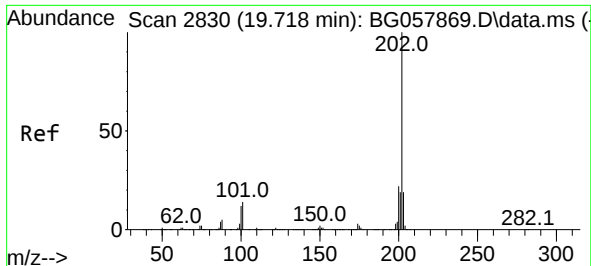
Tgt Ion:240 Resp: 281922
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.0 21.9 32.9



#77
Benzidine
Concen: 2.676 ng
RT: 19.910 min Scan# 2863
Delta R.T. 0.374 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:184 Resp: 17698
Ion Ratio Lower Upper
184 100
185 17.4 11.7 17.5
183 5.5 9.0 13.4#

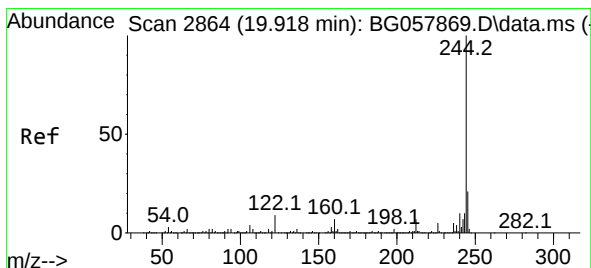
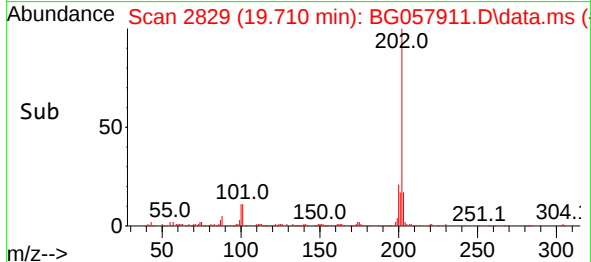
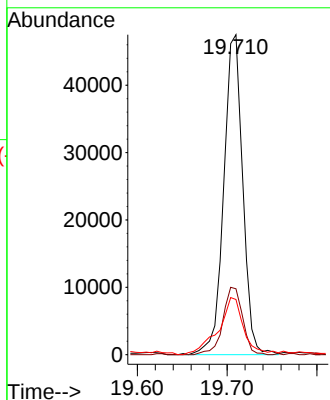
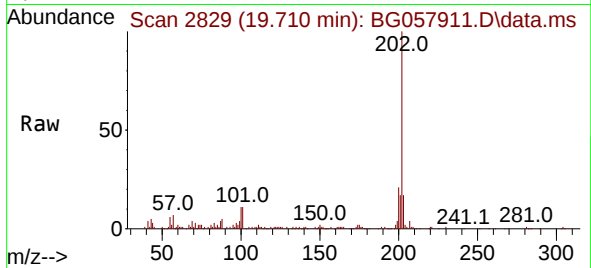




#78
 Pyrene
 Concen: 3.470 ng
 RT: 19.710 min Scan# 2829
 Delta R.T. -0.008 min
 Lab File: BG057911.D
 Acq: 29 Jun 2023 19:32

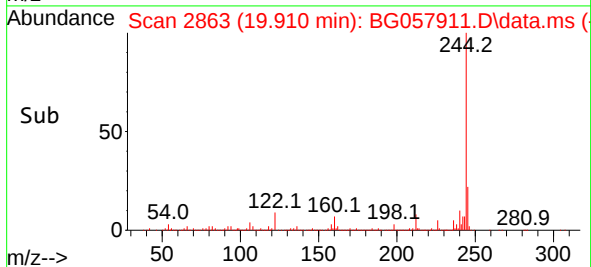
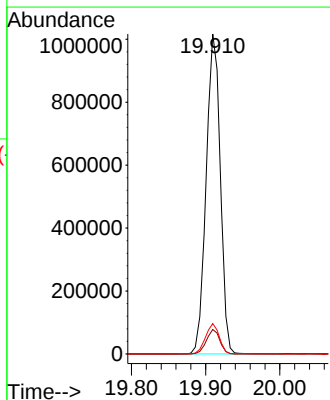
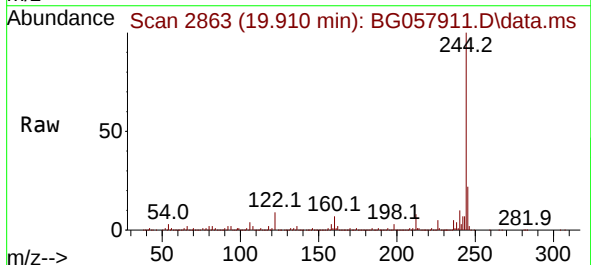
Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627

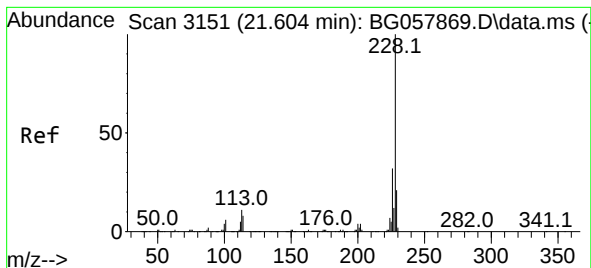
Tgt Ion:	202	Resp:	69860
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.7	26.5
203	17.3	15.2	22.8



#79
 Terphenyl-d14
 Concen: 87.073 ng
 RT: 19.910 min Scan# 2863
 Delta R.T. -0.008 min
 Lab File: BG057911.D
 Acq: 29 Jun 2023 19:32

Tgt Ion:	244	Resp:	1346499
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.9	8.9
122	9.5	7.4	11.0





#83

Chrysene

Concen: 2.301 ng

RT: 21.590 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG057911.D

Acq: 29 Jun 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SB-COMP-0627

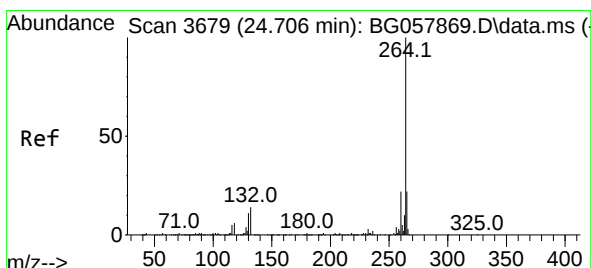
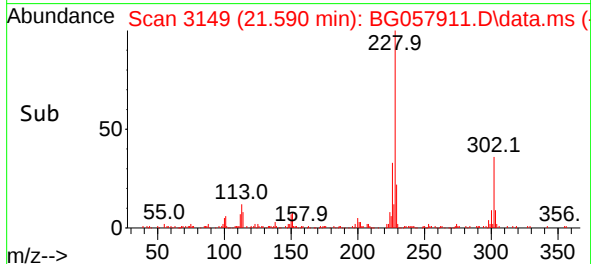
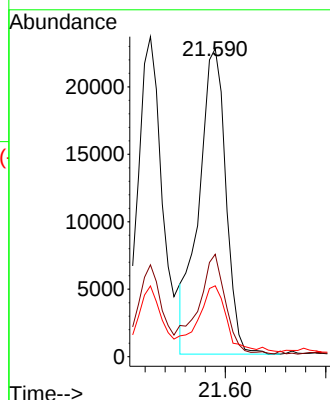
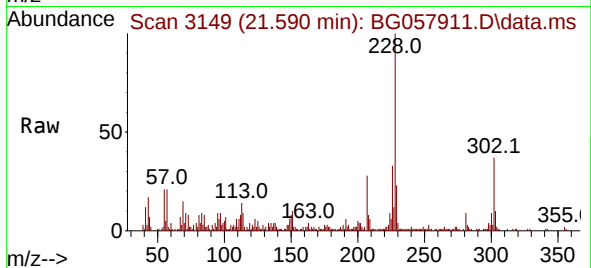
Tgt Ion:228 Resp: 42490

Ion Ratio Lower Upper

228 100

226 33.2 25.3 37.9

229 23.0 16.5 24.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.692 min Scan# 3677

Delta R.T. -0.014 min

Lab File: BG057911.D

Acq: 29 Jun 2023 19:32

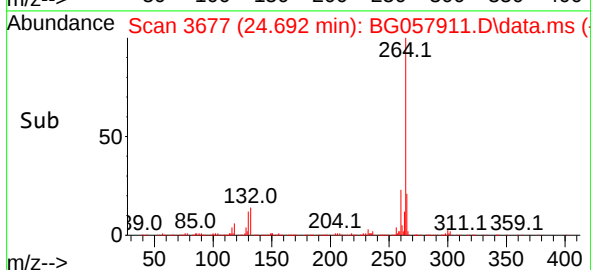
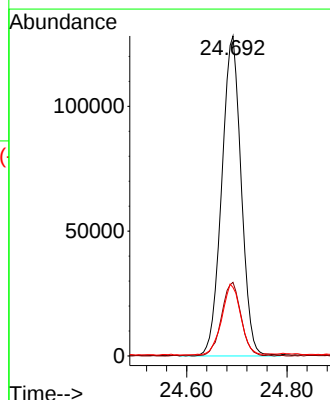
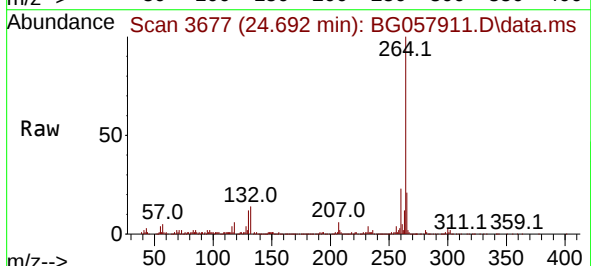
Tgt Ion:264 Resp: 345521

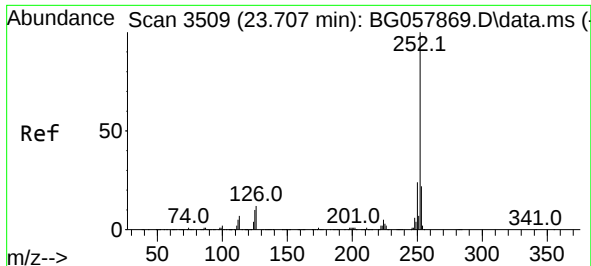
Ion Ratio Lower Upper

264 100

260 23.0 17.8 26.8

265 21.4 17.3 25.9

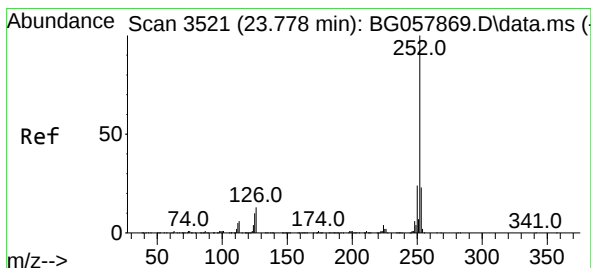
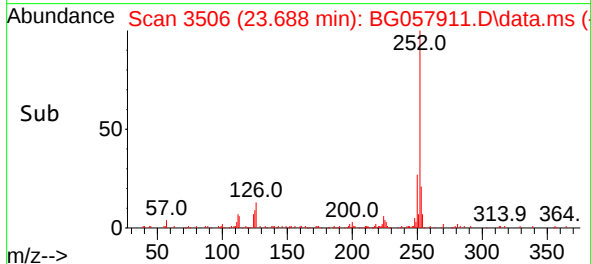
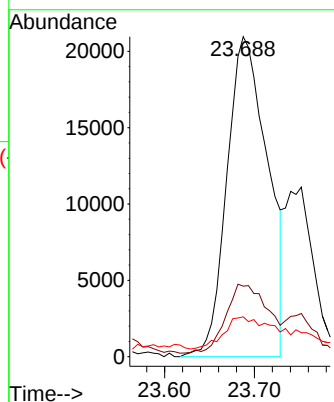
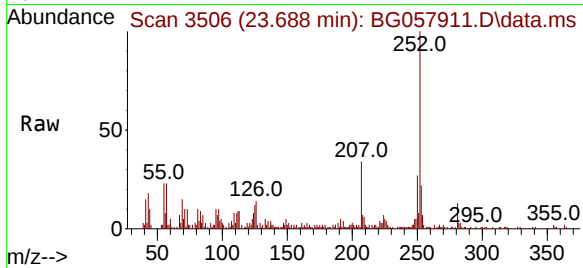




#88
Benzo(b)fluoranthene
Concen: 3.494 ng
RT: 23.688 min Scan# 3506
Delta R.T. -0.020 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

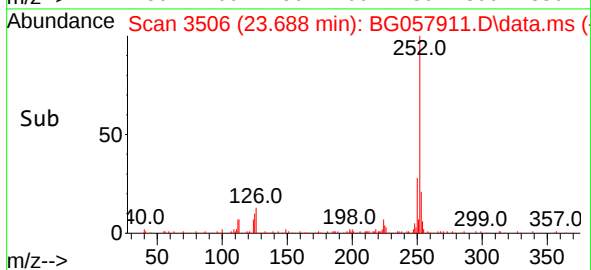
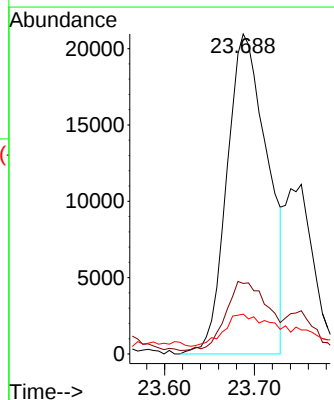
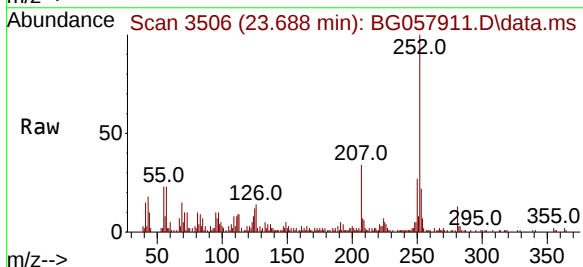
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

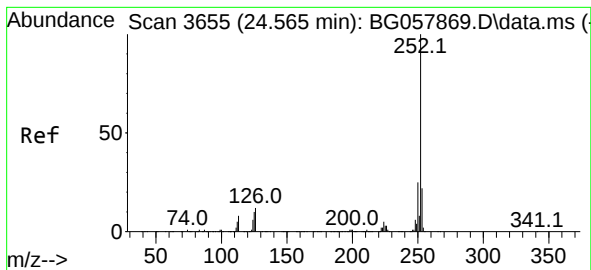
Tgt Ion:252 Resp: 65837
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.4 7.7 11.5#



#89
Benzo(k)fluoranthene
Concen: 3.457 ng
RT: 23.688 min Scan# 3506
Delta R.T. -0.090 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:252 Resp: 65837
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.4 7.8 11.6#





#90

Benzo(a)pyrene

Concen: 2.218 ng

RT: 24.534 min Scan# 30

Delta R.T. -0.031 min

Lab File: BG057911.D

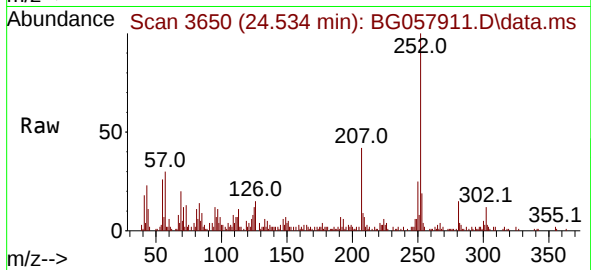
Acq: 29 Jun 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SB-COMP-0627



Tgt Ion:252 Resp: 41402

Ion Ratio Lower Upper

252 100

253 19.3 17.7 26.5

125 11.6 8.0 12.0

