

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057929.D
 Acq On : 30 Jun 2023 21:52
 Operator : CG/JU
 Sample : 03358-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-(8-10)

Quant Time: Jul 01 02:20:41 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)

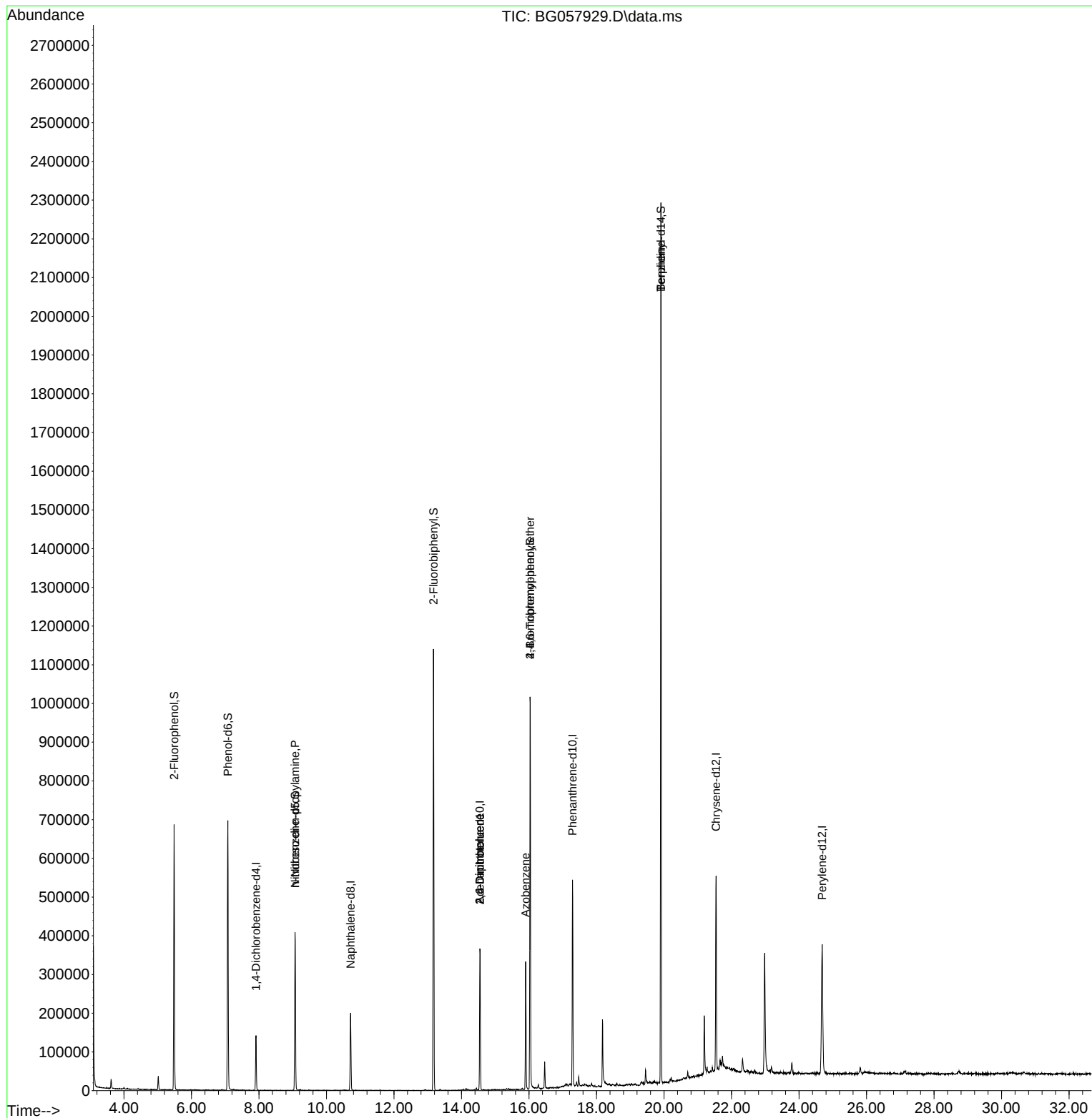
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	39431	20.000	ng	-0.01
21) Naphthalene-d8	10.715	136	172617	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	135558	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	338423	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	286532	20.000	ng	-0.01
86) Perylene-d12	24.686	264	353045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.485	112	291958	113.285	ng	0.00
7) Phenol-d6	7.078	99	428602	111.215	ng	0.00
23) Nitrobenzene-d5	9.069	82	252211	71.605	ng	-0.02
42) 2,4,6-Tribromophenol	16.038	330	223419	98.127	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	623769	70.221	ng	-0.01
79) Terphenyl-d14	19.910	244	1176220	74.838	ng	0.00
Target Compounds						
9) Benzaldehyde	7.072	77	698	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.069	70	30728	11.916	ng	# 79
51) 2,6-Dinitrotoluene	14.545	165	17241	7.729	ng	# 25
57) 2,4-Dinitrotoluene	14.545	165	17241	5.326	ng	# 22
63) Azobenzene	15.903	77	93875	8.668	ng	# 1
67) 4-Bromophenyl-phenylether	16.038	248	13934	3.900	ng	# 1
77) Benizidine	19.910	184	15071	2.242	ng	# 90

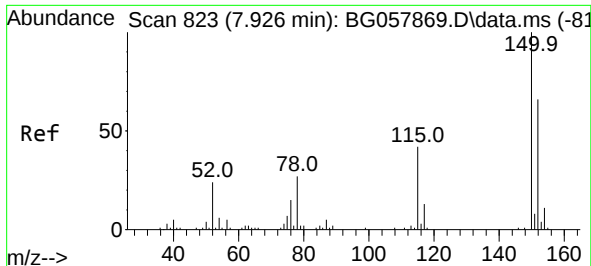
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
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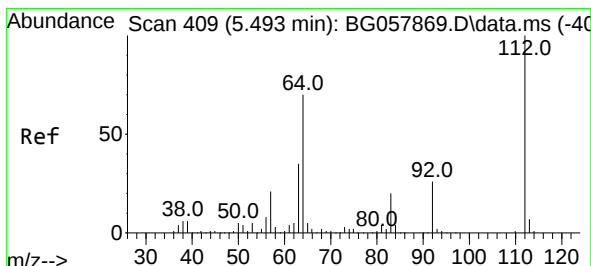
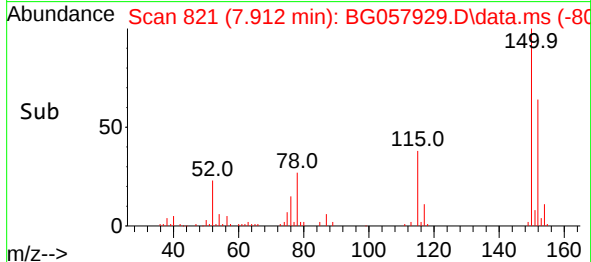
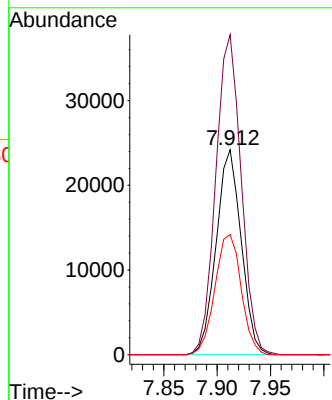
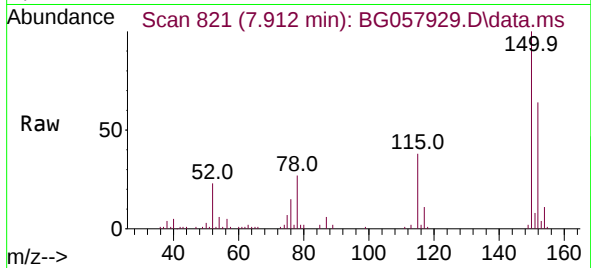




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

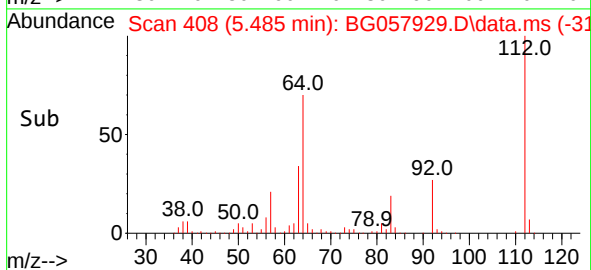
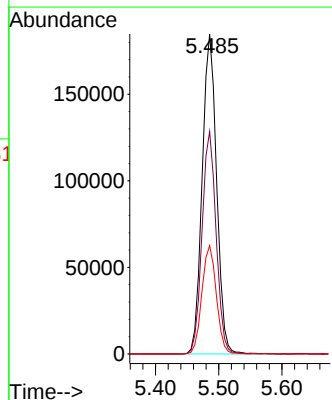
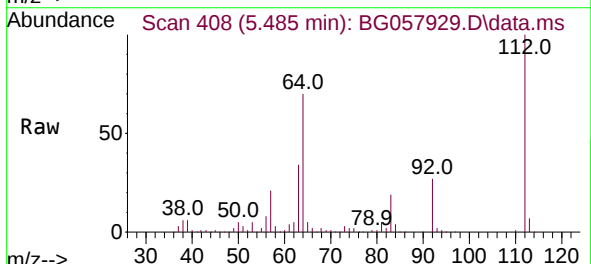
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

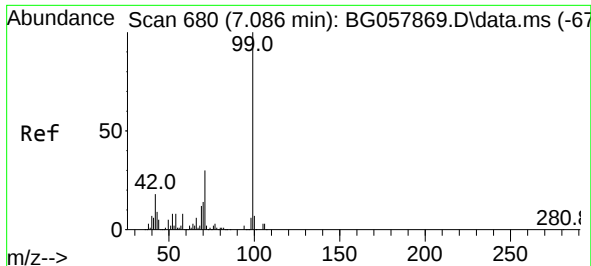
Tgt Ion:152 Resp: 39431
Ion Ratio Lower Upper
152 100
150 156.2 122.0 183.0
115 58.7 50.7 76.1



#5
2-Fluorophenol
Concen: 113.285 ng
RT: 5.485 min Scan# 408
Delta R.T. -0.008 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:112 Resp: 291958
Ion Ratio Lower Upper
112 100
64 69.6 55.8 83.6
63 33.9 27.9 41.9

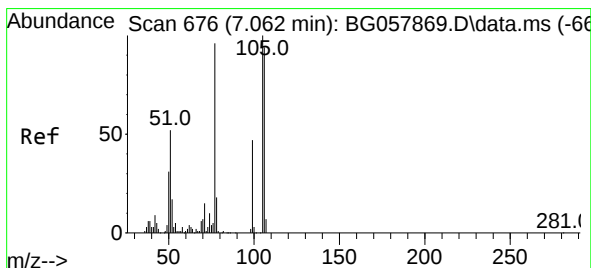
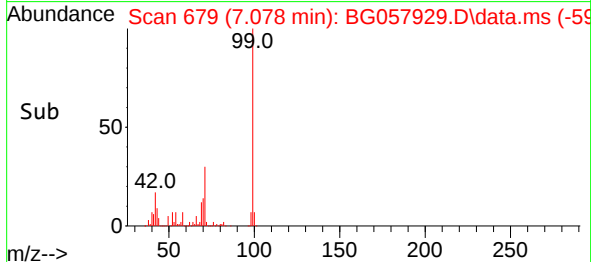
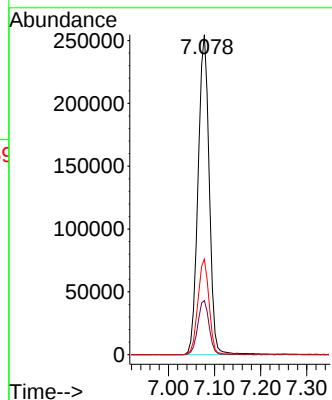
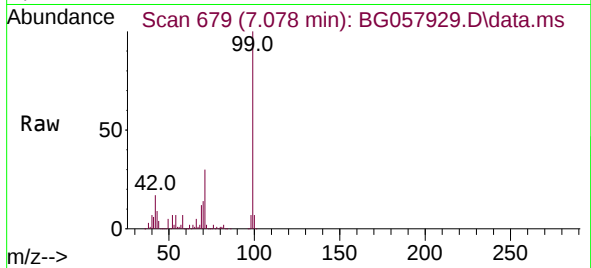




#7
Phenol-d6
Concen: 111.215 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

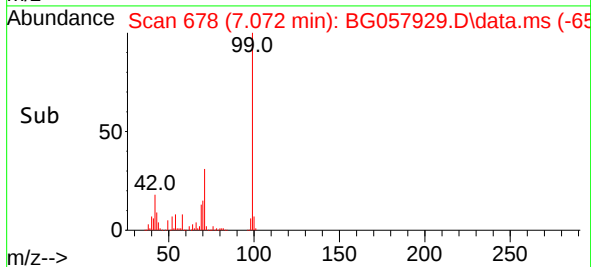
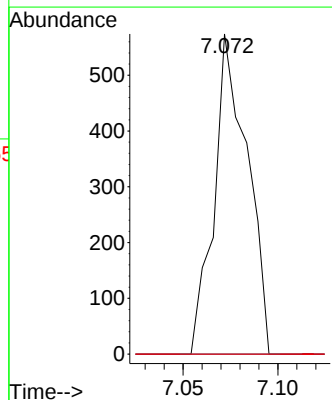
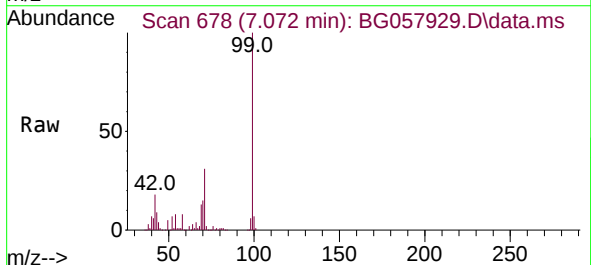
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

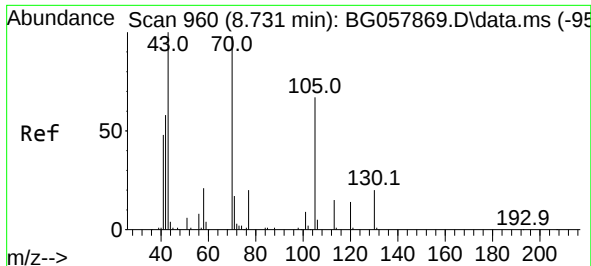
Tgt Ion: 99 Resp: 428602
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 29.8 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 678
Delta R.T. 0.010 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion: 77 Resp: 698
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

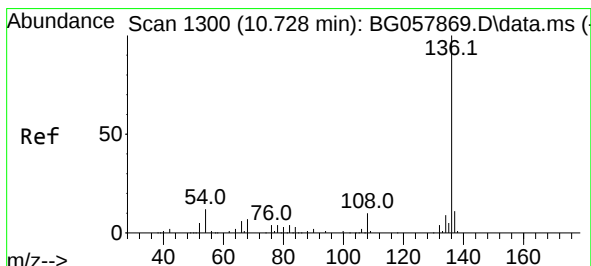
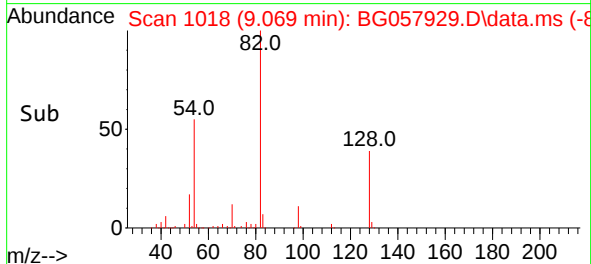
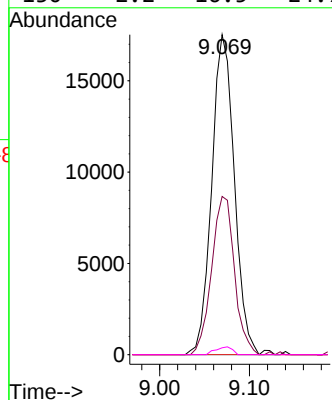
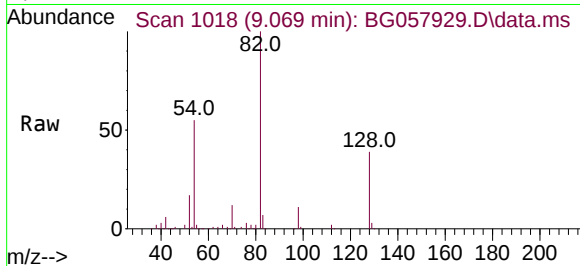




#19
n-Nitroso-di-n-propylamine
Concen: 11.916 ng
RT: 9.069 min Scan# 1018
Delta R.T. 0.339 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

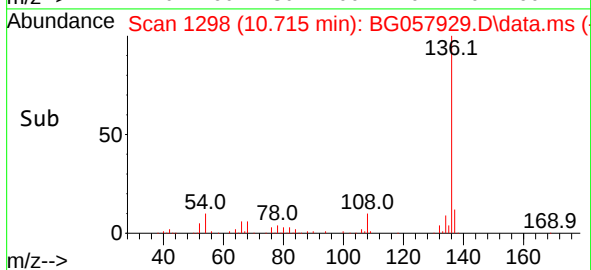
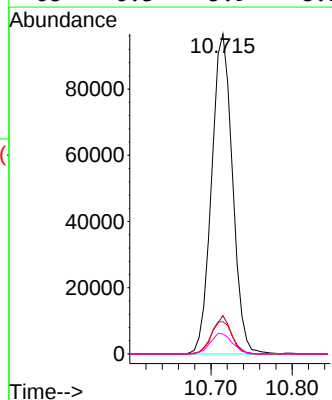
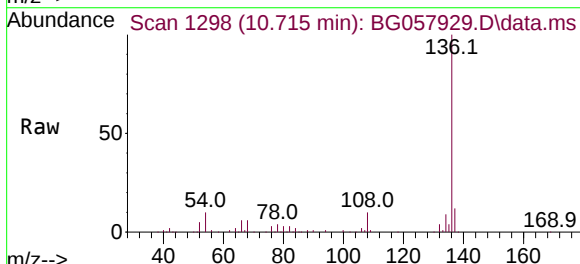
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

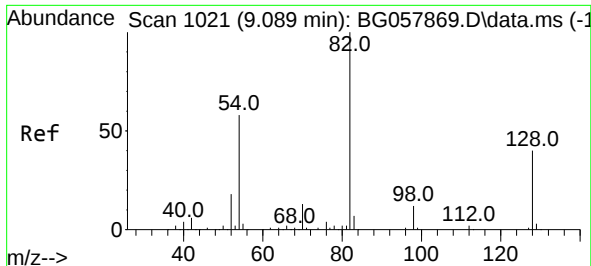
Tgt Ion:	70	Resp:	30728
Ion	Ratio	Lower	Upper
70	100		
42	49.5	48.4	72.6
101	0.0	7.2	10.8#
130	2.2	16.5	24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:	136	Resp:	172617
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.6	12.8
54	10.1	9.3	13.9
68	6.3	5.9	8.9





#23

Nitrobenzene-d5

Concen: 71.605 ng

RT: 9.069 min Scan# 1018

Delta R.T. -0.020 min

Lab File: BG057929.D

Acq: 30 Jun 2023 21:52

Instrument :

BNA_G

ClientSampleId :

SB-6-(8-10)

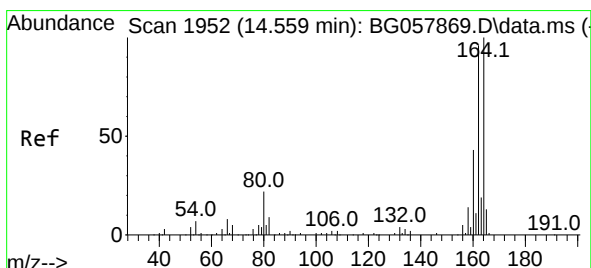
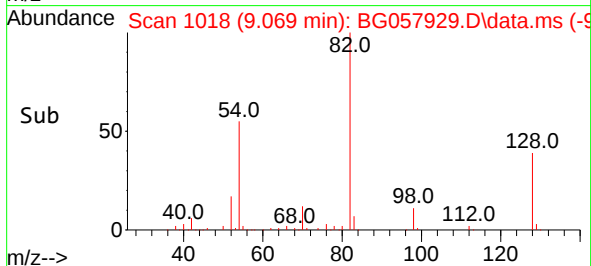
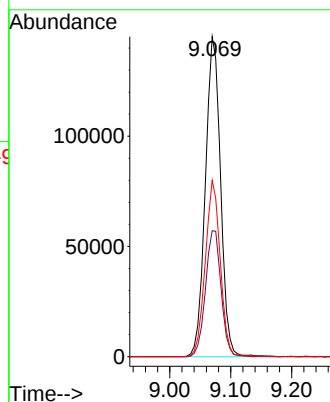
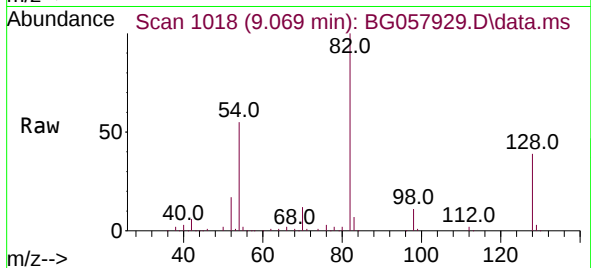
Tgt Ion: 82 Resp: 252211

Ion Ratio Lower Upper

82 100

128 39.3 32.2 48.4

54 55.1 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1950

Delta R.T. -0.014 min

Lab File: BG057929.D

Acq: 30 Jun 2023 21:52

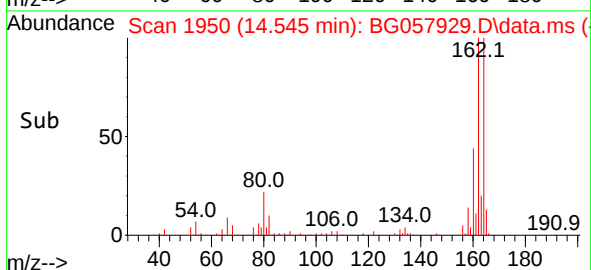
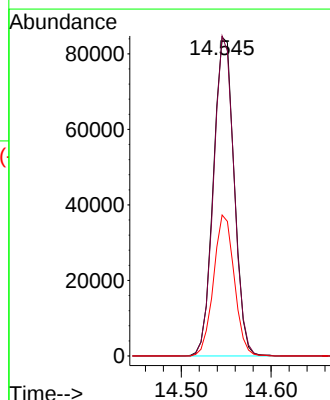
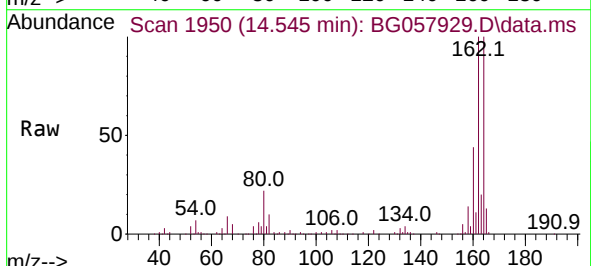
Tgt Ion:164 Resp: 135558

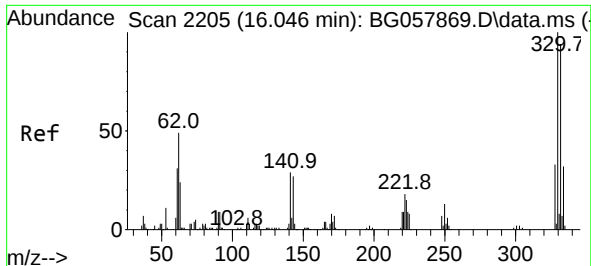
Ion Ratio Lower Upper

164 100

162 100.3 76.4 114.6

160 44.2 34.2 51.2

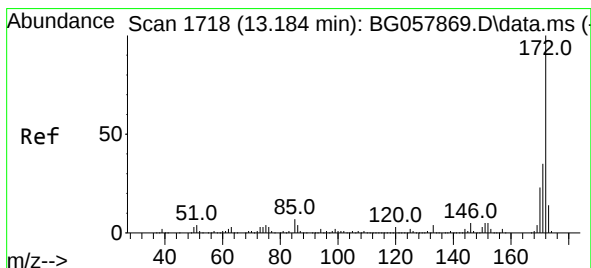
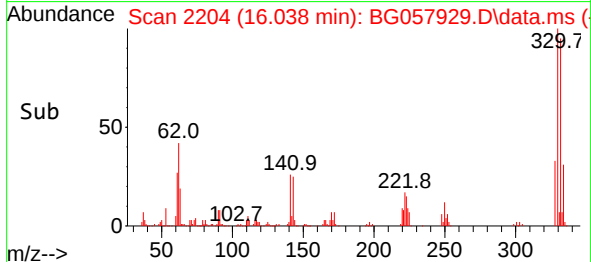
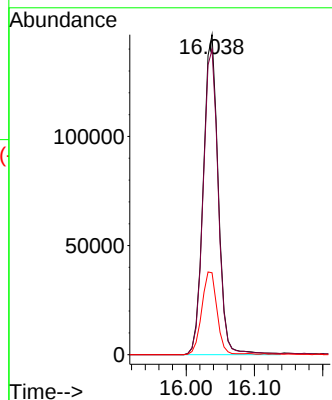
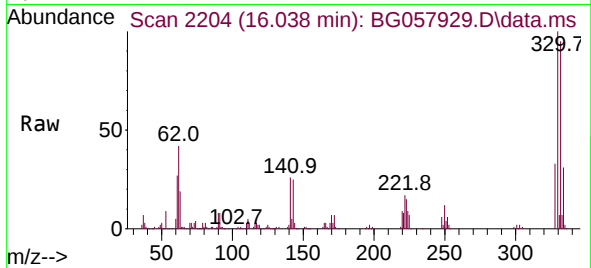




#42
2,4,6-Tribromophenol
Concen: 98.127 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

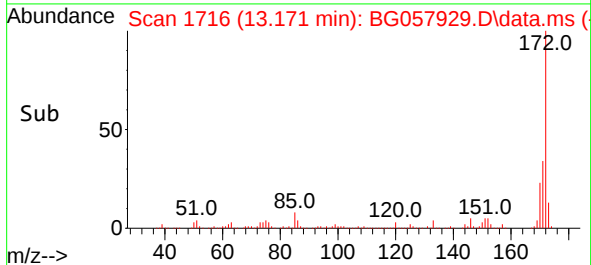
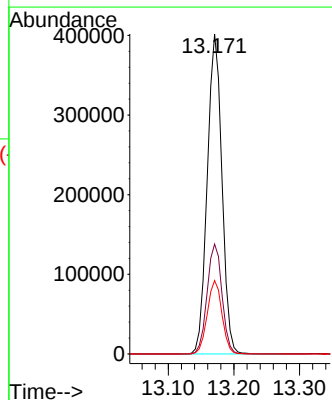
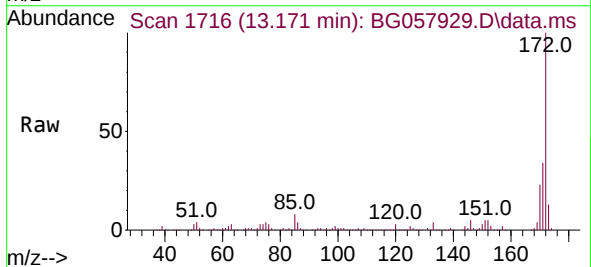
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

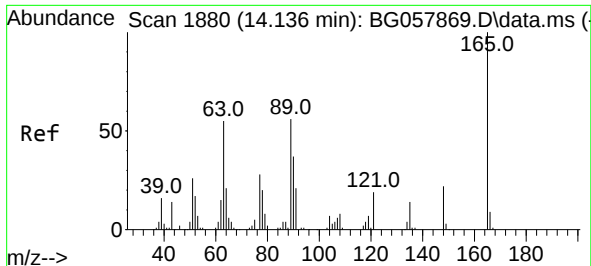
Tgt Ion:330 Resp: 223419
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 26.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 70.221 ng
RT: 13.171 min Scan# 1716
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:172 Resp: 623769
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.0 18.6 27.8

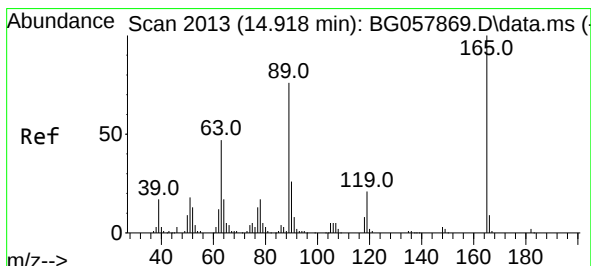
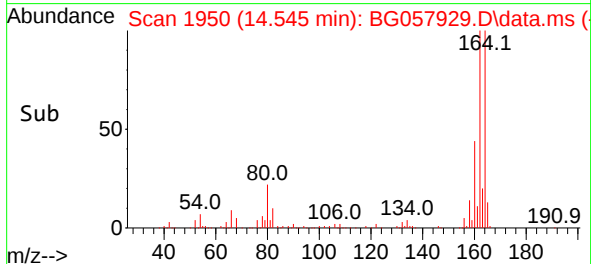
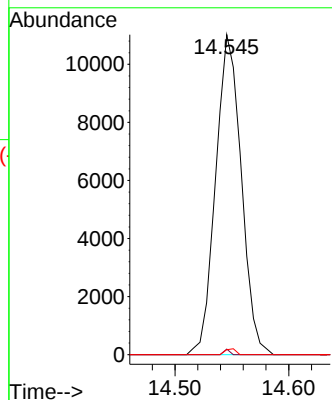
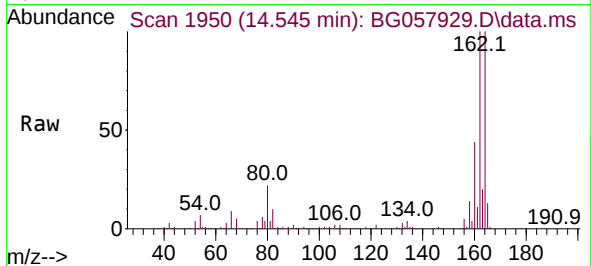




#51
2,6-Dinitrotoluene
Concen: 7.729 ng
RT: 14.545 min Scan# 1950
Delta R.T. 0.409 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

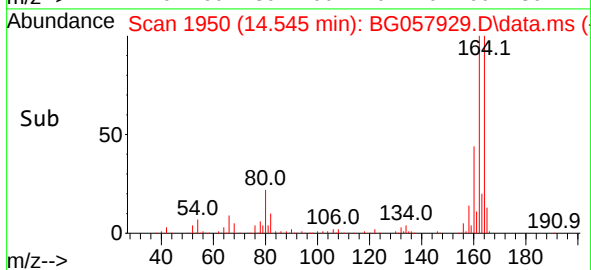
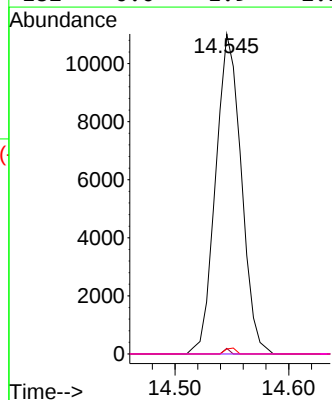
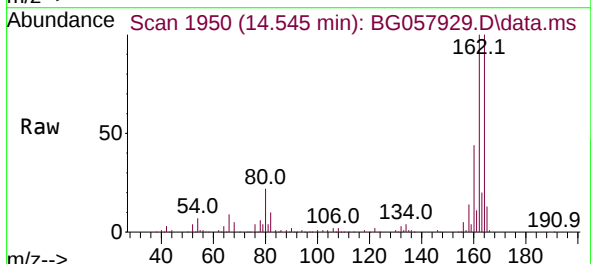
Instrument :
BNA_G
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SB-6-(8-10)

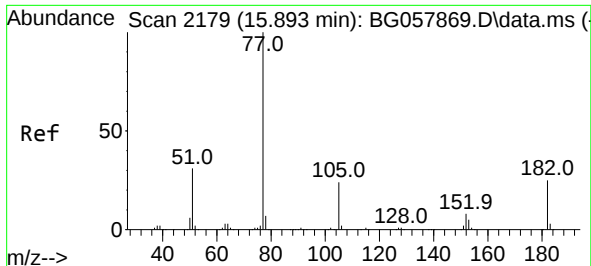
Tgt Ion:165 Resp: 17241
Ion Ratio Lower Upper
165 100
63 1.8 46.4 69.6#
89 1.6 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.326 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.372 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:165 Resp: 17241
Ion Ratio Lower Upper
165 100
63 1.8 37.6 56.4#
89 1.6 61.0 91.4#
182 0.0 1.9 2.9#

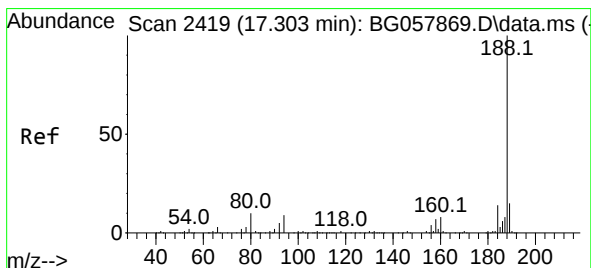
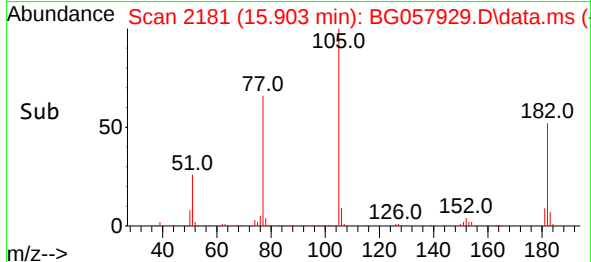
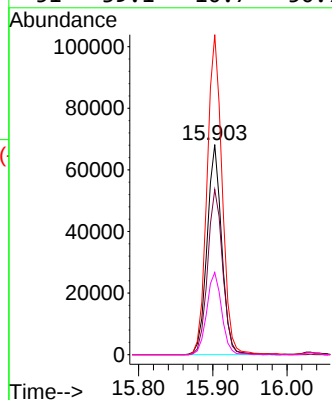
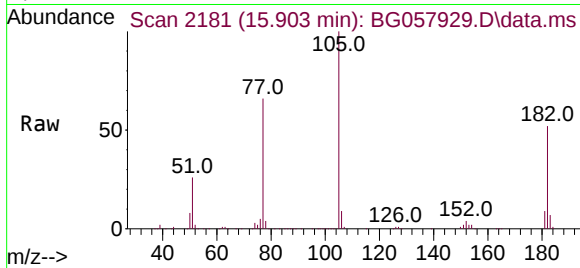




#63
Azobenzene
Concen: 8.668 ng
RT: 15.903 min Scan# 2179
Delta R.T. 0.010 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

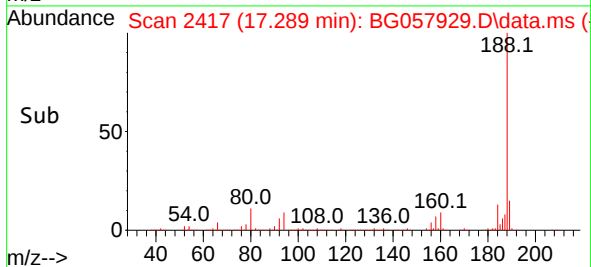
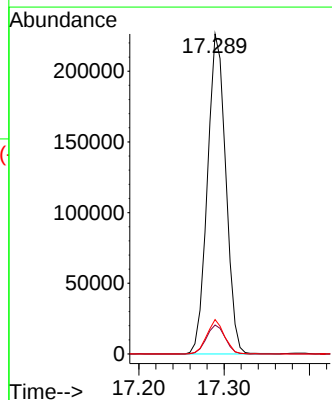
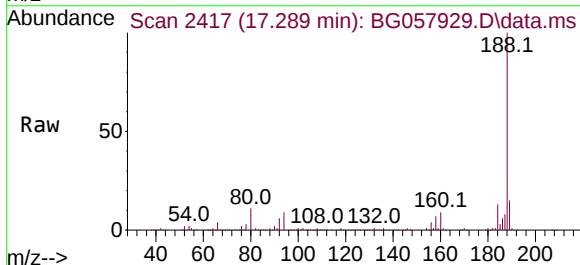
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

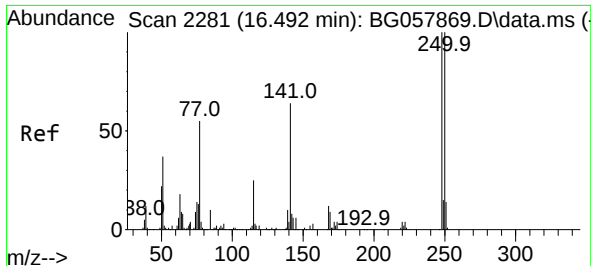
Tgt Ion: 77 Resp: 93875
Ion Ratio Lower Upper
77 100
182 78.6 5.1 45.1#
105 152.3 3.9 43.9#
51 39.1 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2417
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion: 188 Resp: 338423
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.8 8.4 12.6

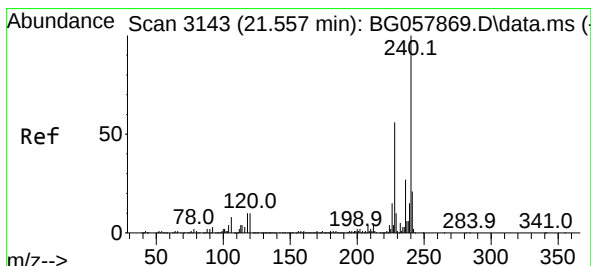
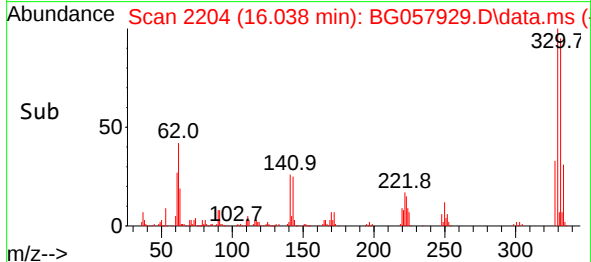
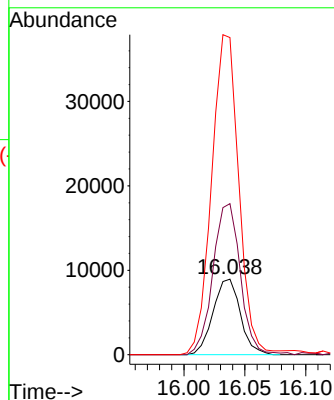
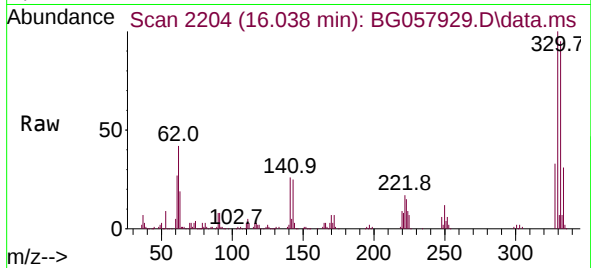




#67
4-Bromophenyl-phenylether
Concen: 3.900 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

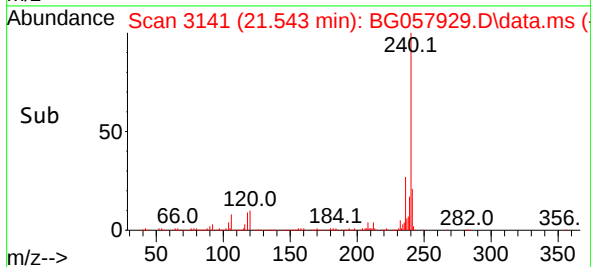
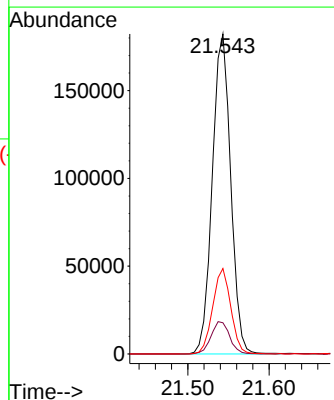
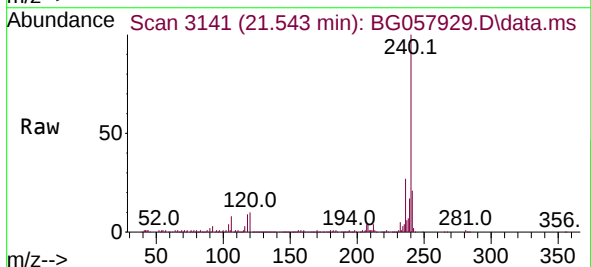
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

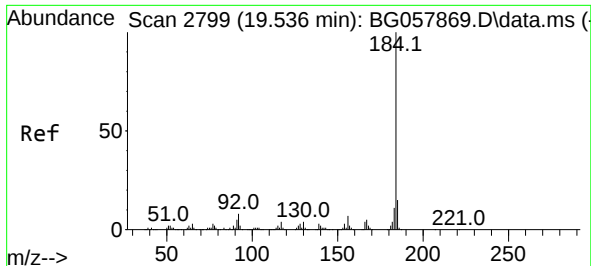
Tgt Ion:248 Resp: 13934
Ion Ratio Lower Upper
248 100
250 200.0 79.7 119.5#
141 419.7 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:240 Resp: 286532
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.7 21.9 32.9

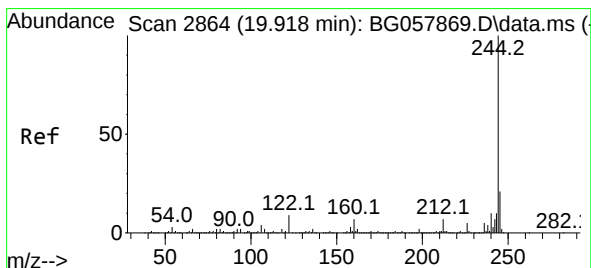
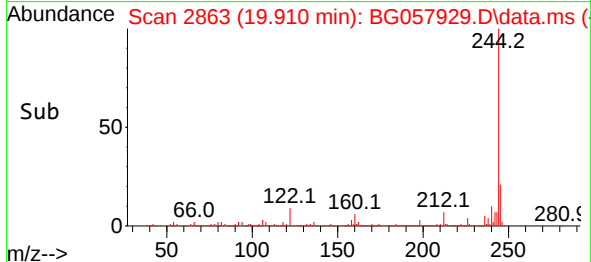
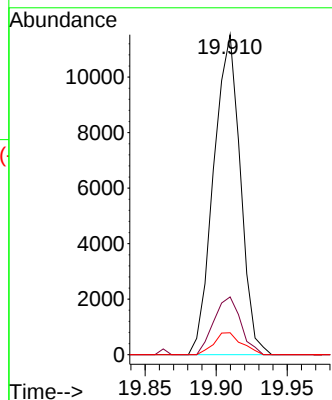
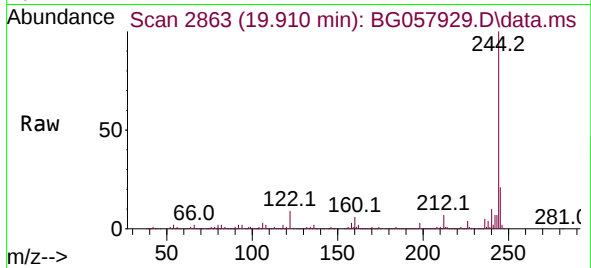




#77
Benzidine
Concen: 2.242 ng
RT: 19.910 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

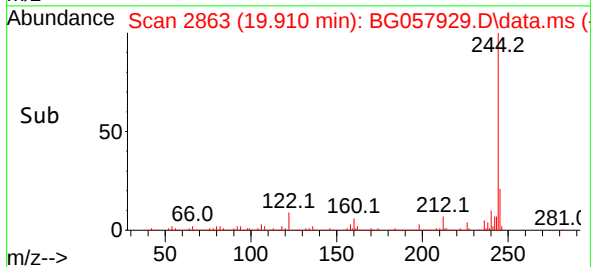
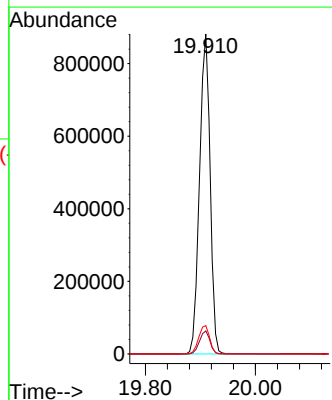
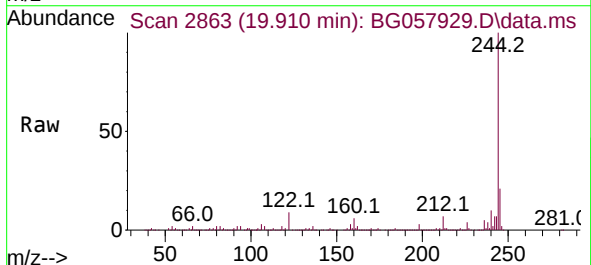
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

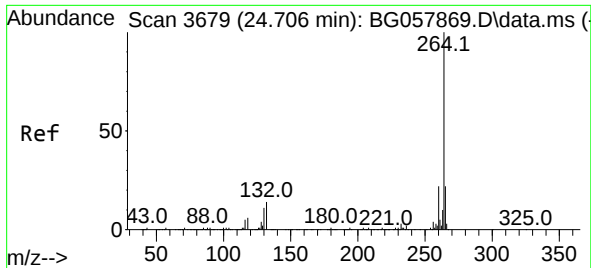
Tgt Ion:184 Resp: 15071
Ion Ratio Lower Upper
184 100
185 18.0 11.7 17.5#
183 6.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 74.838 ng
RT: 19.910 min Scan# 2863
Delta R.T. -0.008 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:244 Resp: 1176220
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.9 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.686 min Scan# 30
Delta R.T. -0.020 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

Tgt Ion:264 Resp: 353045

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.8	26.8
265	22.2	17.3	25.9

