

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057909.D
 Acq On : 29 Jun 2023 18:08
 Operator : CG/JU
 Sample : 03358-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-(34-36)

Quant Time: Jun 30 03:43:02 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)

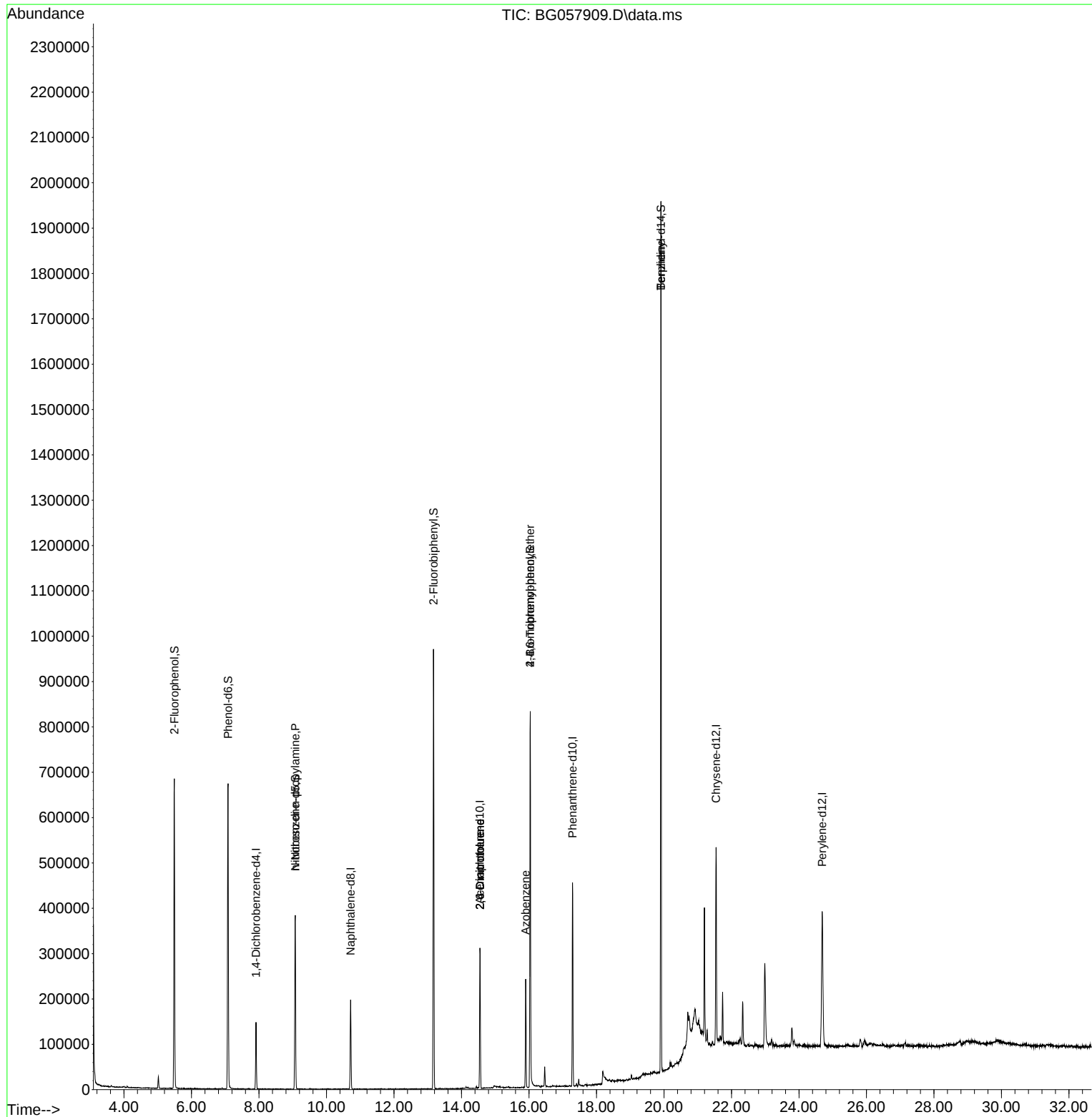
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	39756	20.000	ng	-0.01
21) Naphthalene-d8	10.715	136	164096	20.000	ng	-0.01
39) Acenaphthene-d10	14.546	164	110669	20.000	ng	-0.01
64) Phenanthrene-d10	17.290	188	280844	20.000	ng	-0.01
76) Chrysene-d12	21.544	240	255417	20.000	ng	-0.01
86) Perylene-d12	24.687	264	313458	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	298855	115.014	ng	0.00
7) Phenol-d6	7.084	99	422666	108.778	ng	0.00
23) Nitrobenzene-d5	9.076	82	233513	69.739	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	188972	101.664	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	521423	71.900	ng	-0.01
79) Terphenyl-d14	19.910	244	977631	69.780	ng	0.00
Target Compounds						
9) Benzaldehyde	7.078	77	548	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.076	70	29114	11.198	ng	# 77
51) 2,6-Dinitrotoluene	14.552	165	14602	8.018	ng	# 24
57) 2,4-Dinitrotoluene	14.552	165	14602	5.526	ng	# 21
63) Azobenzene	15.903	77	67728	7.660	ng	# 1
67) 4-Bromophenyl-phenylether	16.038	248	12051	4.065	ng	# 1
77) Benizidine	19.910	184	12810	2.138	ng	# 95

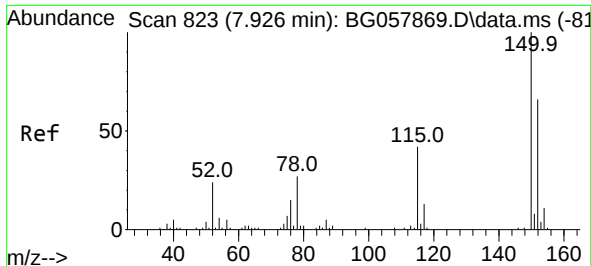
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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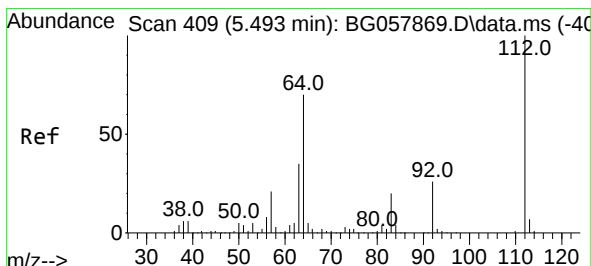
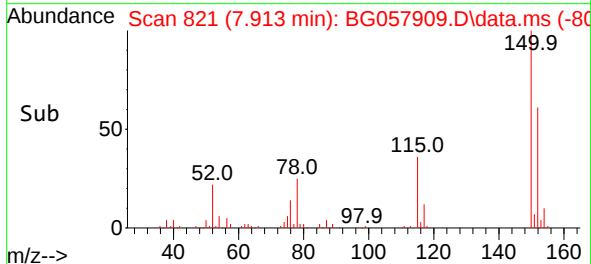
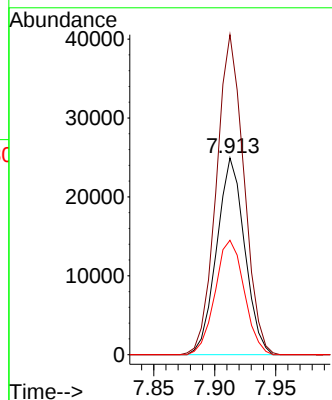
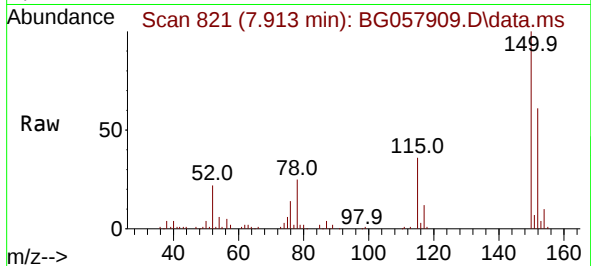




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

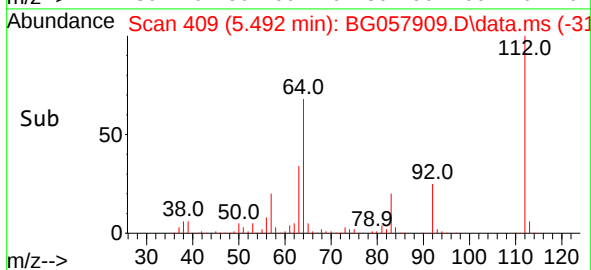
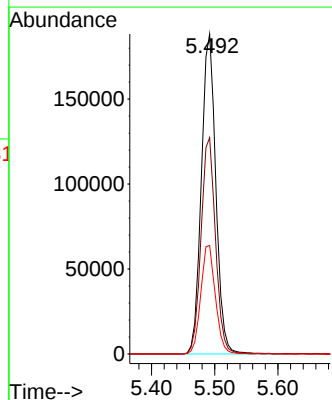
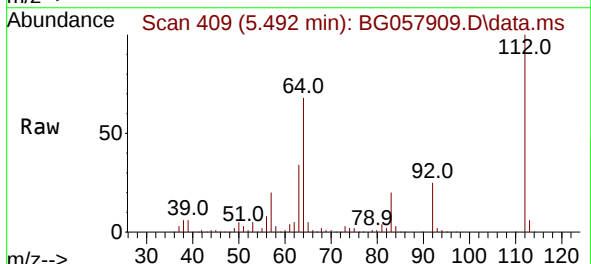
Instrument :
BNA_G
ClientSampleId :
SB-1-(34-36)

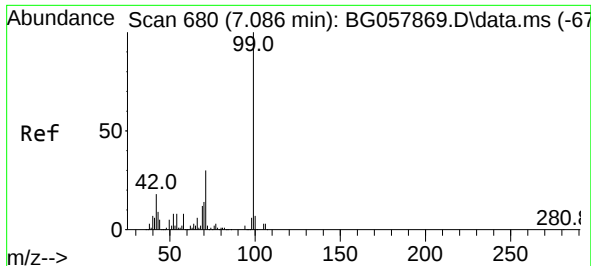
Tgt Ion:152 Resp: 39756
Ion Ratio Lower Upper
152 100
150 162.7 122.0 183.0
115 58.1 50.7 76.1



#5
2-Fluorophenol
Concen: 115.014 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.001 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

Tgt Ion:112 Resp: 298855
Ion Ratio Lower Upper
112 100
64 67.6 55.8 83.6
63 33.9 27.9 41.9

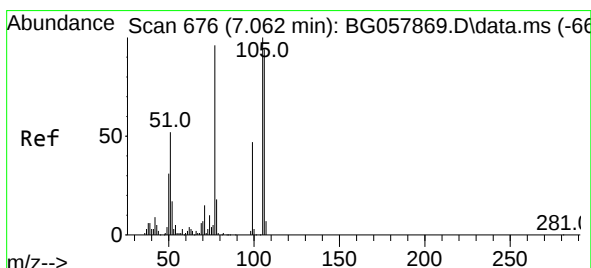
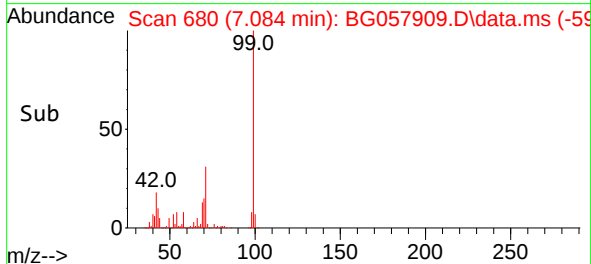
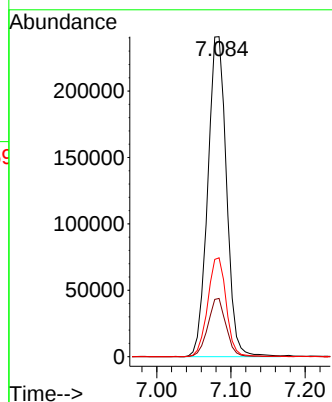
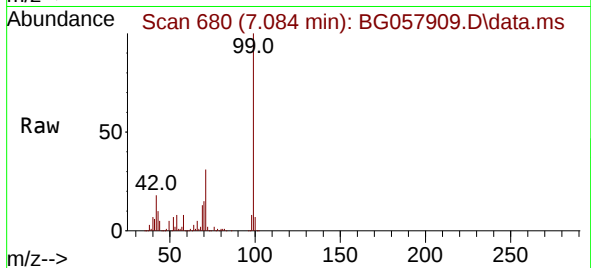




#7
Phenol-d6
Concen: 108.778 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

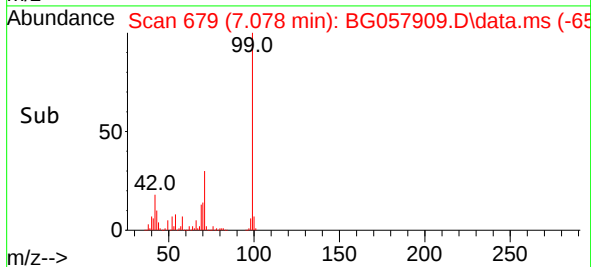
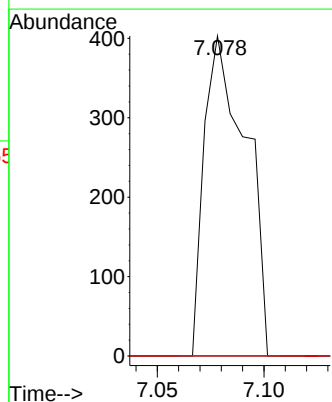
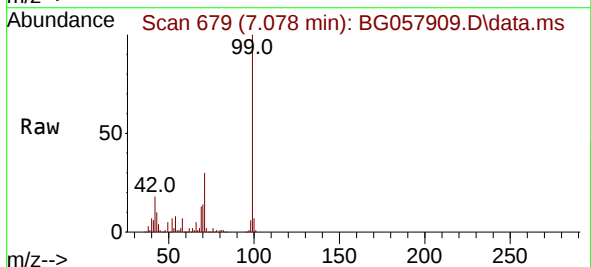
Instrument :
BNA_G
ClientSampleId :
SB-1-(34-36)

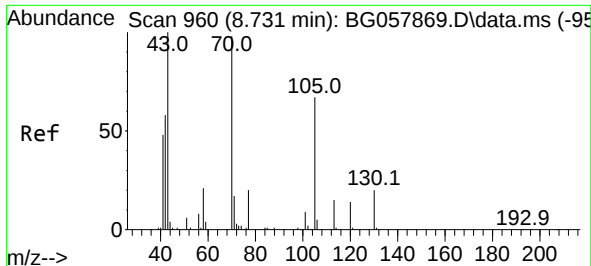
Tgt Ion: 99 Resp: 422666
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 30.9 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 679
Delta R.T. 0.016 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

Tgt Ion: 77 Resp: 548
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

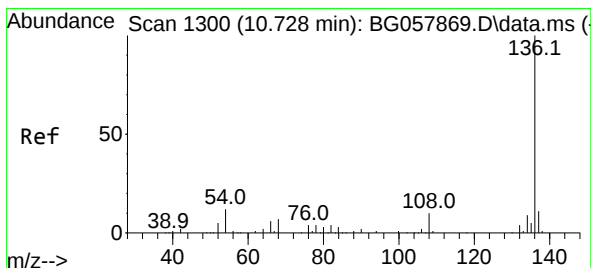
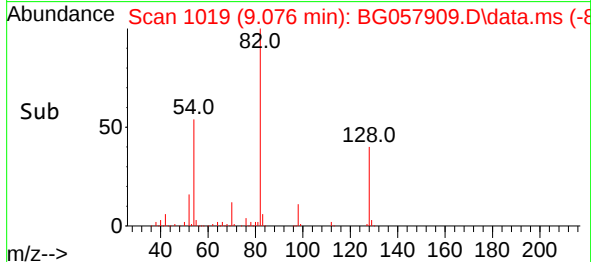
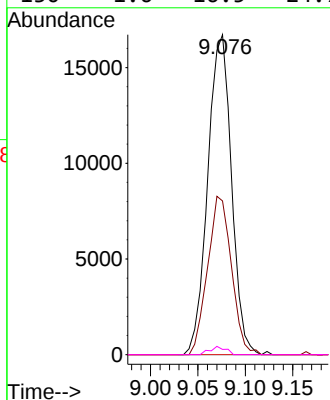
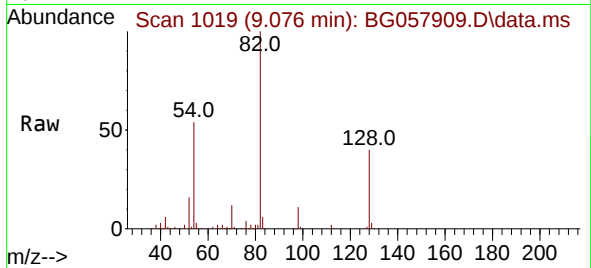




#19
n-Nitroso-di-n-propylamine
Concen: 11.198 ng
RT: 9.076 min Scan# 1019
Delta R.T. 0.345 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

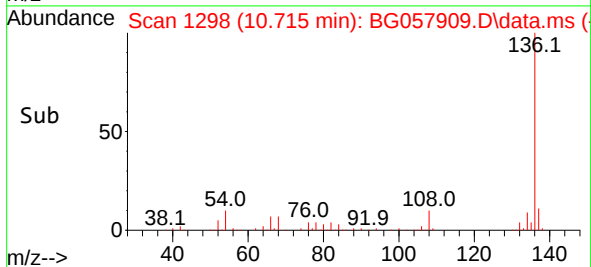
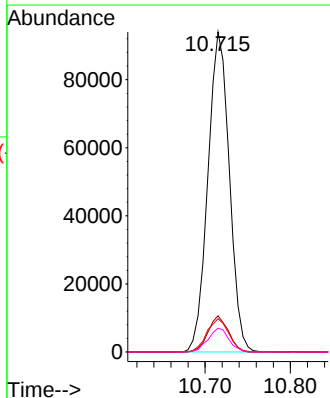
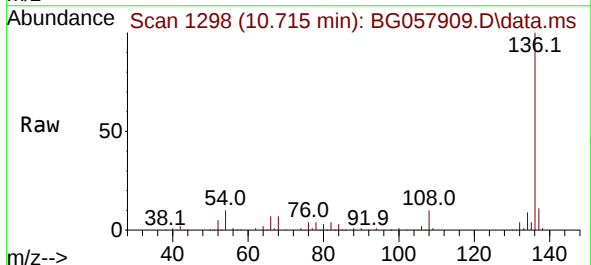
Instrument :
BNA_G
ClientSampleId :
SB-1-(34-36)

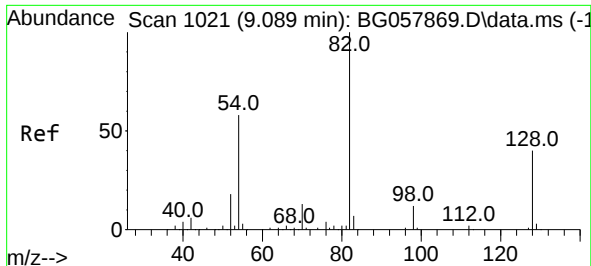
Tgt Ion: 70 Resp: 29114
Ion Ratio Lower Upper
70 100
42 48.1 48.4 72.6#
101 0.0 7.2 10.8#
130 1.6 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1298
Delta R.T. -0.013 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

Tgt Ion: 136 Resp: 164096
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.4 9.3 13.9
68 7.4 5.9 8.9

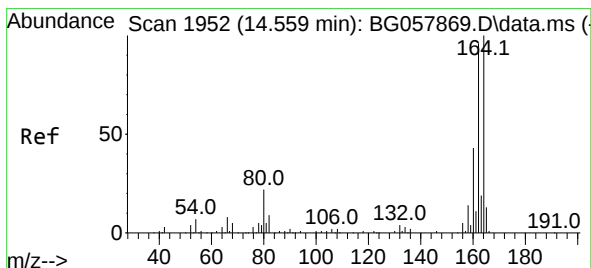
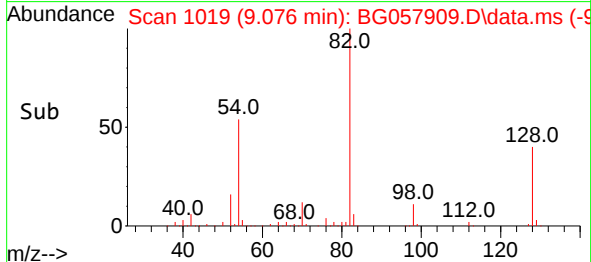
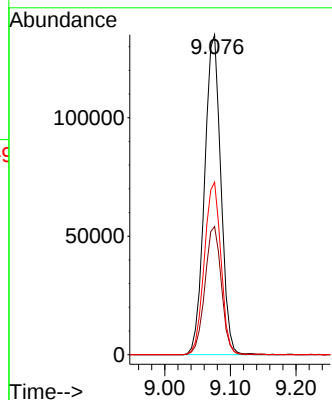
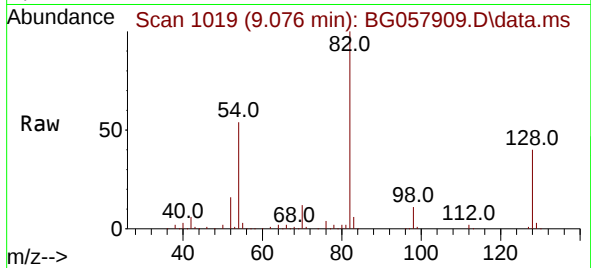




#23
Nitrobenzene-d5
Concen: 69.739 ng
RT: 9.076 min Scan# 1019
Delta R.T. -0.013 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

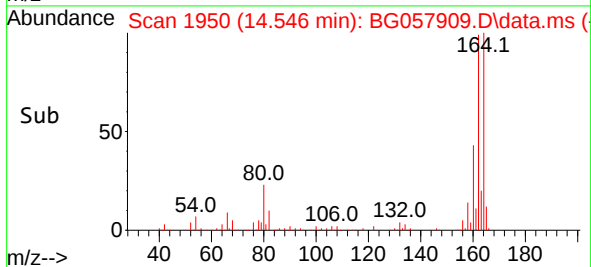
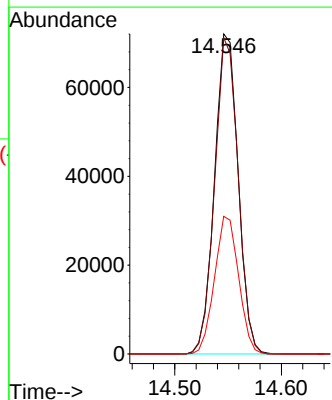
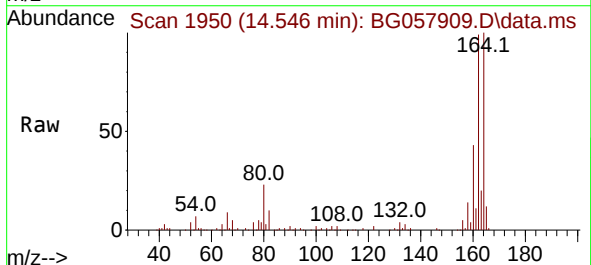
Instrument :
BNA_G
ClientSampleId :
SB-1-(34-36)

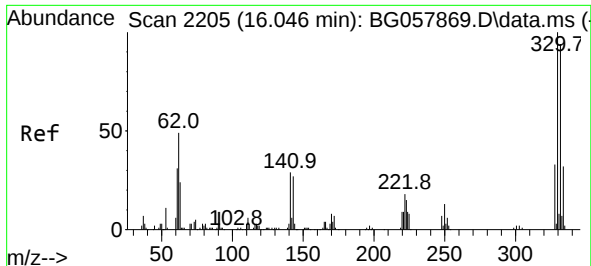
Tgt Ion: 82 Resp: 233513
Ion Ratio Lower Upper
82 100
128 40.0 32.2 48.4
54 53.9 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.013 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

Tgt Ion:164 Resp: 110669
Ion Ratio Lower Upper
164 100
162 98.8 76.4 114.6
160 43.0 34.2 51.2

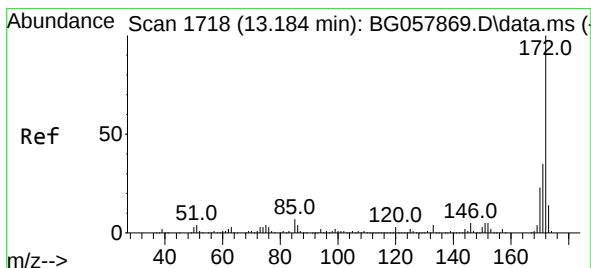
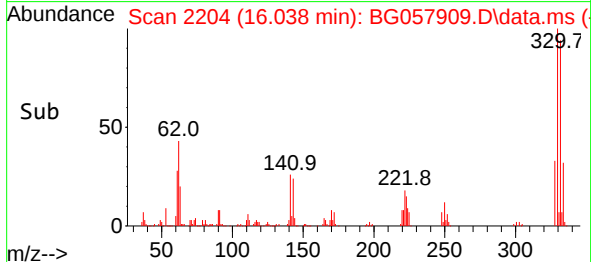
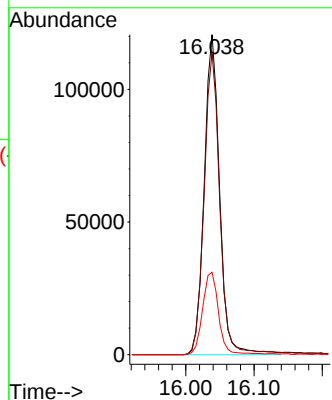
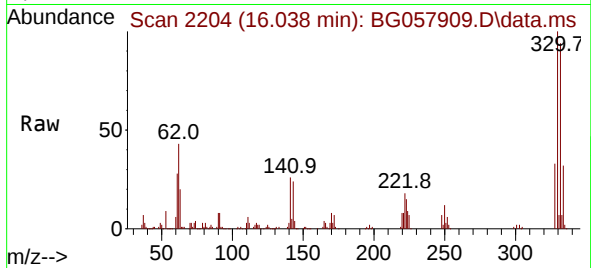




#42
 2,4,6-Tribromophenol
 Concen: 101.664 ng
 RT: 16.038 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057909.D
 Acq: 29 Jun 2023 18:08

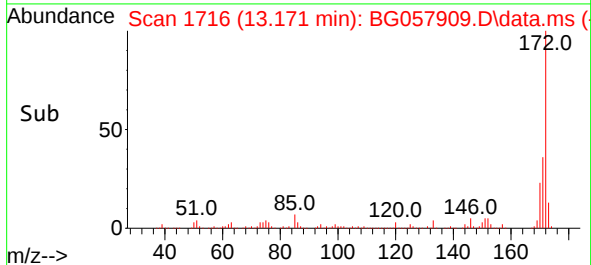
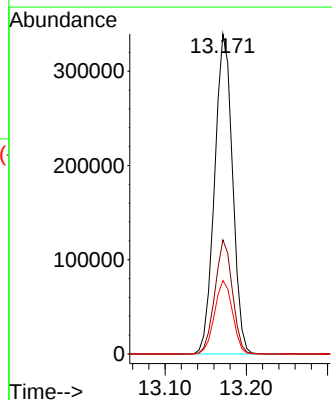
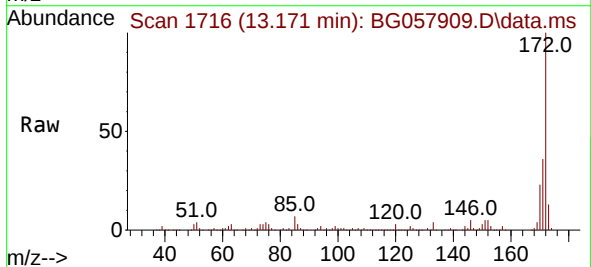
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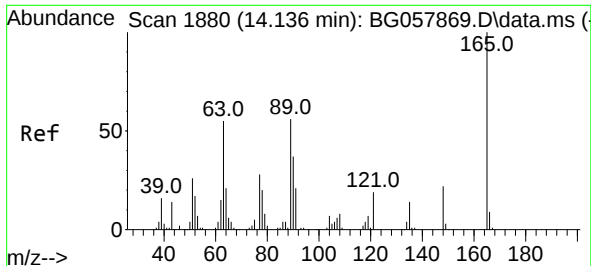
Tgt Ion:330 Resp: 188972
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 27.0 22.2 33.4



#45
 2-Fluorobiphenyl
 Concen: 71.900 ng
 RT: 13.171 min Scan# 1716
 Delta R.T. -0.013 min
 Lab File: BG057909.D
 Acq: 29 Jun 2023 18:08

Tgt Ion:172 Resp: 521423
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.8 41.8
 170 22.9 18.6 27.8

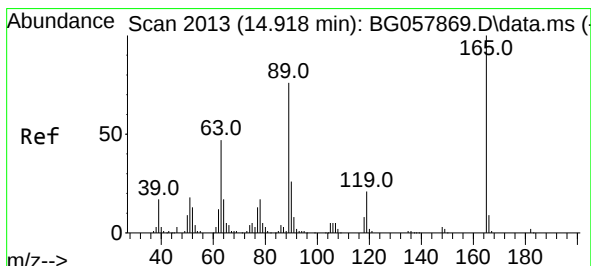
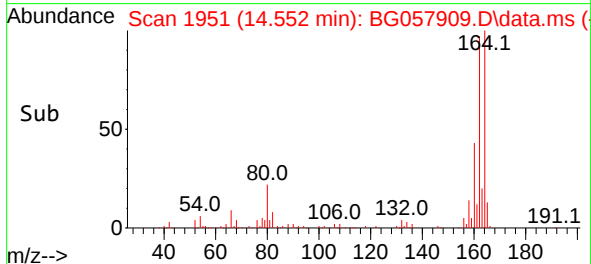
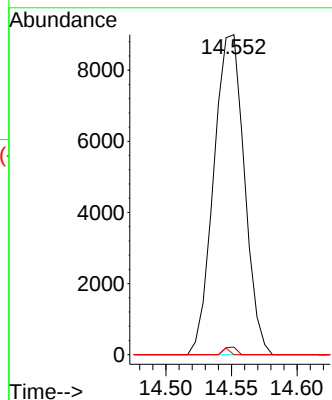
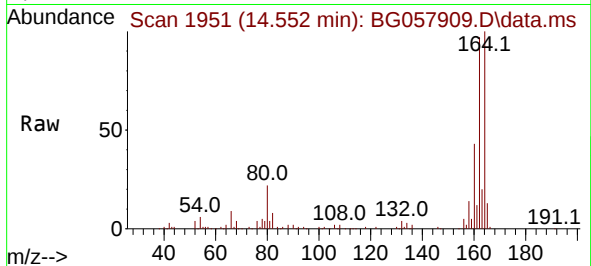




#51
2,6-Dinitrotoluene
Concen: 8.018 ng
RT: 14.552 min Scan# 1951
Delta R.T. 0.416 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

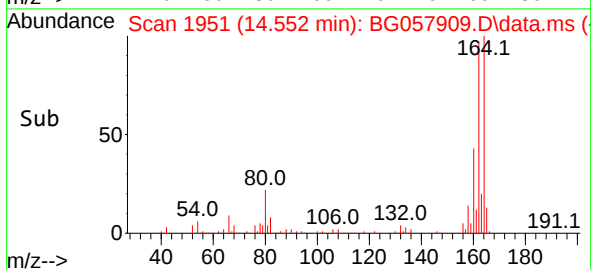
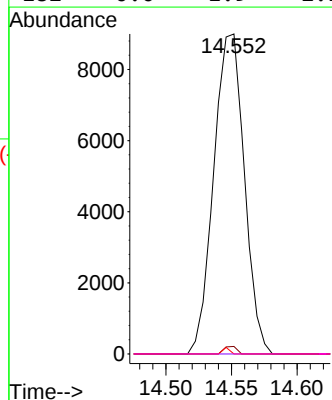
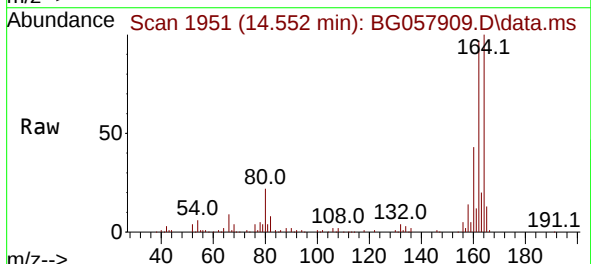
Instrument :
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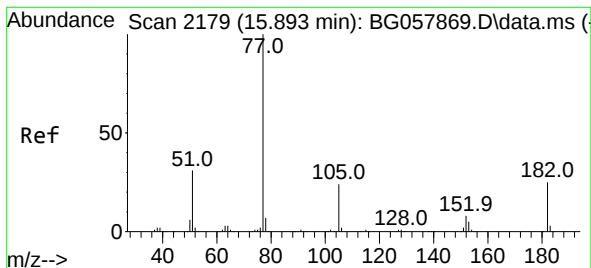
Tgt Ion:165 Resp: 14602
Ion Ratio Lower Upper
165 100
63 2.3 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.526 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.366 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

Tgt Ion:165 Resp: 14602
Ion Ratio Lower Upper
165 100
63 2.3 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#





#63

Azobenzene

Concen: 7.660 ng

RT: 15.903 min Scan# 2179

Delta R.T. 0.010 min

Lab File: BG057909.D

Acq: 29 Jun 2023 18:08

Instrument :

BNA_G

ClientSampleId :

SB-1-(34-36)

Tgt Ion: 77 Resp: 67728

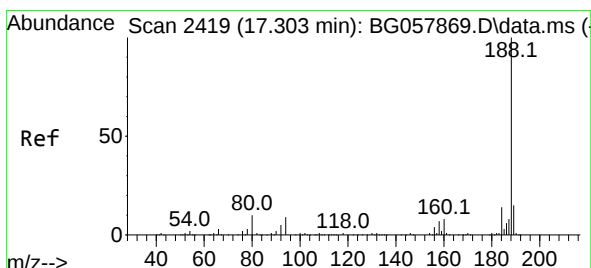
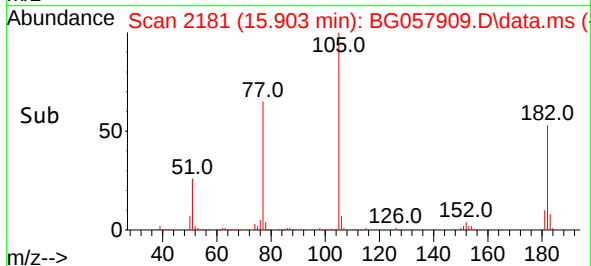
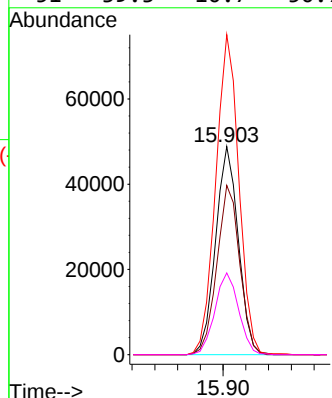
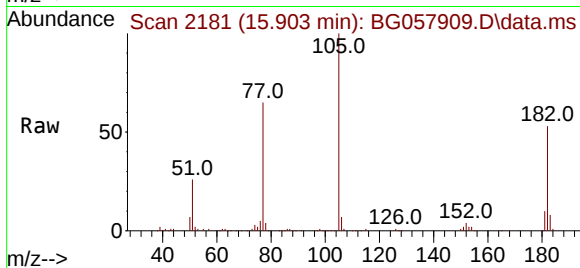
Ion Ratio Lower Upper

77 100

182 81.3 5.1 45.1#

105 153.7 3.9 43.9#

51 39.3 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.290 min Scan# 2417

Delta R.T. -0.013 min

Lab File: BG057909.D

Acq: 29 Jun 2023 18:08

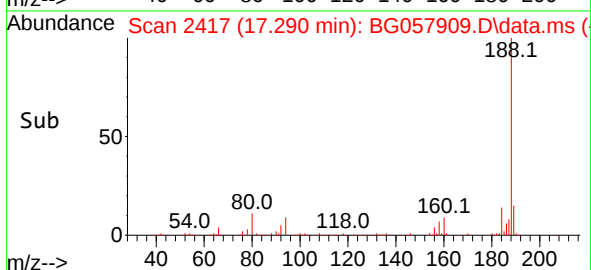
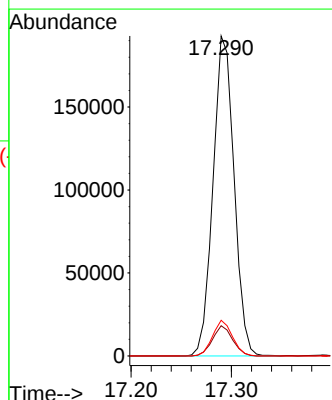
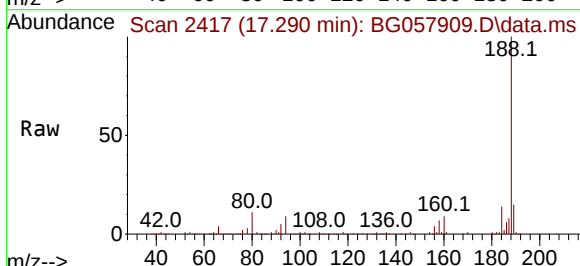
Tgt Ion: 188 Resp: 280844

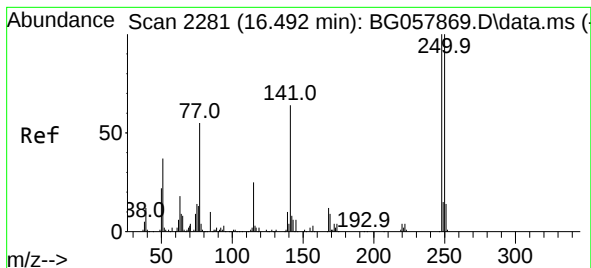
Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

80 11.2 8.4 12.6

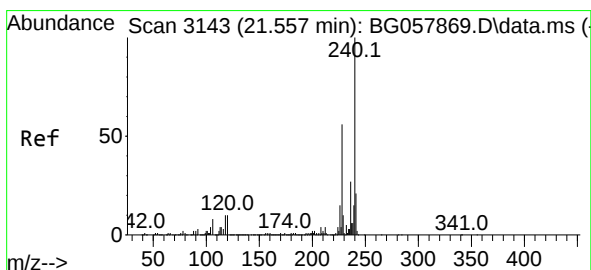
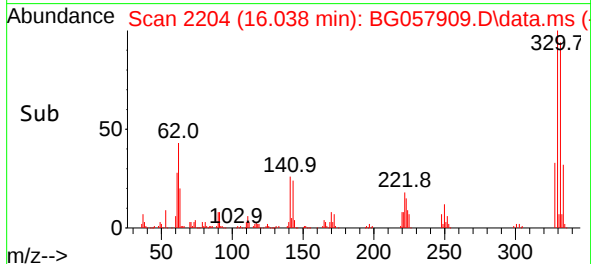
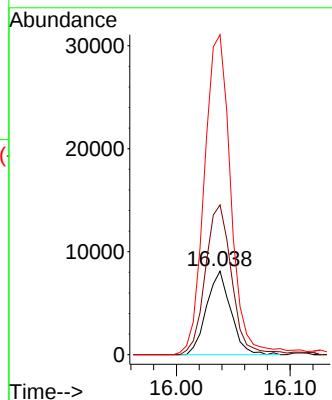
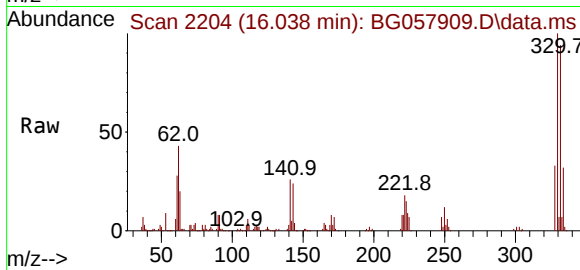




#67
4-Bromophenyl-phenylether
Concen: 4.065 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

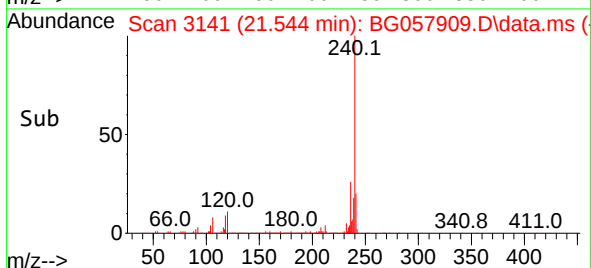
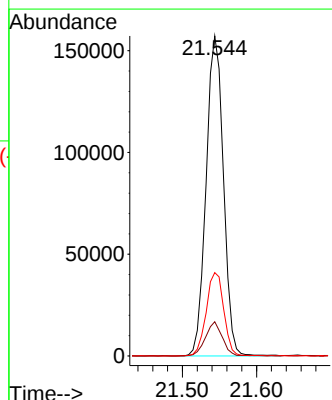
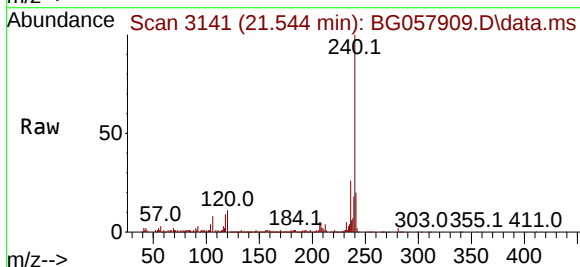
Instrument :
BNA_G
ClientSampleId :
SB-1-(34-36)

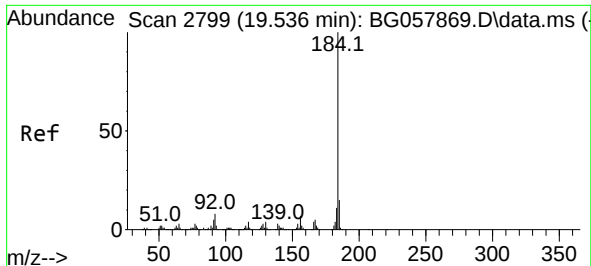
Tgt Ion:248 Resp: 12051
Ion Ratio Lower Upper
248 100
250 179.1 79.7 119.5#
141 382.8 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3141
Delta R.T. -0.013 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

Tgt Ion:240 Resp: 255417
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.0 21.9 32.9

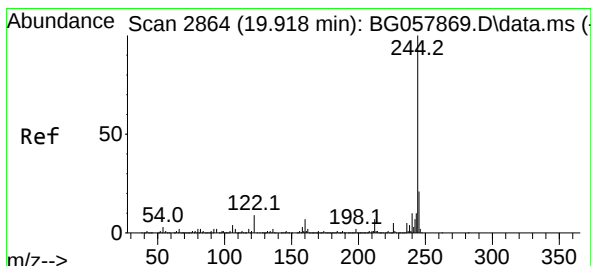
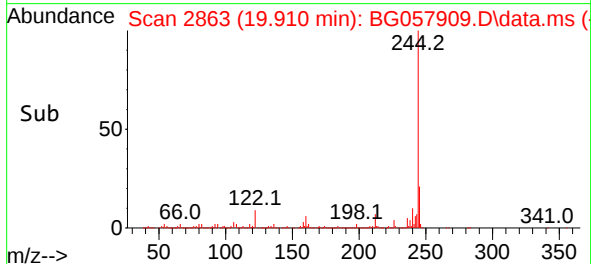
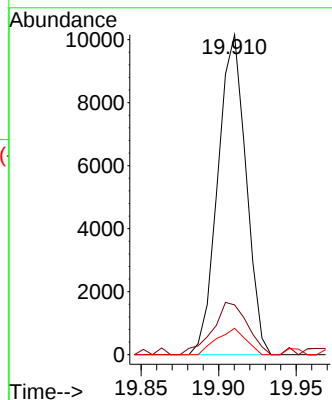
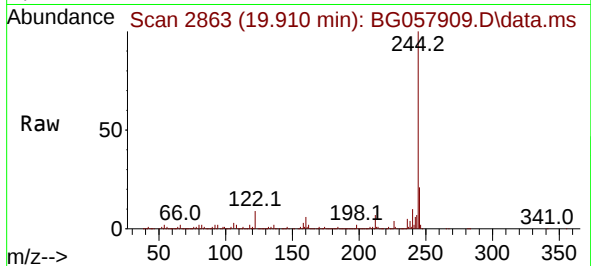




#77
Benzidine
Concen: 2.138 ng
RT: 19.910 min Scan# 2863
Delta R.T. 0.374 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

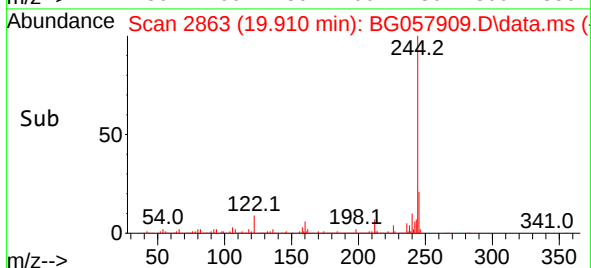
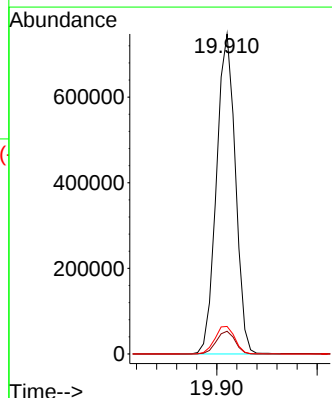
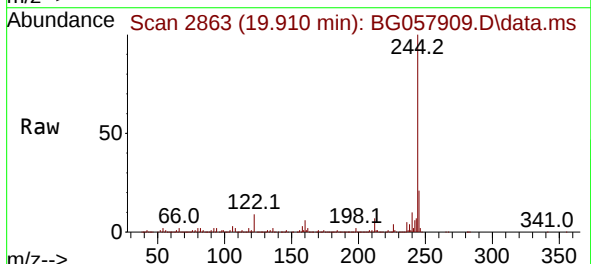
Instrument :
BNA_G
ClientSampleId :
SB-1-(34-36)

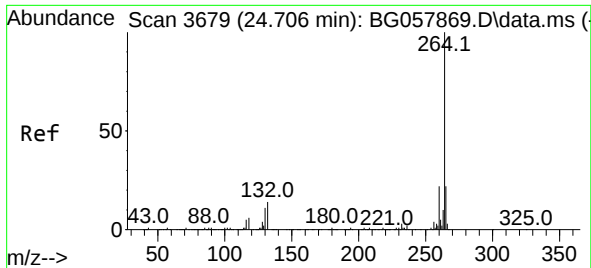
Tgt Ion:184 Resp: 12810
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 8.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 69.780 ng
RT: 19.910 min Scan# 2863
Delta R.T. -0.007 min
Lab File: BG057909.D
Acq: 29 Jun 2023 18:08

Tgt Ion:244 Resp: 977631
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.6 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.687 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: BG057909.D
 Acq: 29 Jun 2023 18:08

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-(34-36)

Tgt Ion:264 Resp: 313458
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.8
 265 21.5 17.3 25.9

