

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057930.D
 Acq On : 30 Jun 2023 22:35
 Operator : CG/JU
 Sample : 03358-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-(24-28)

Quant Time: Jul 01 02:21:04 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)

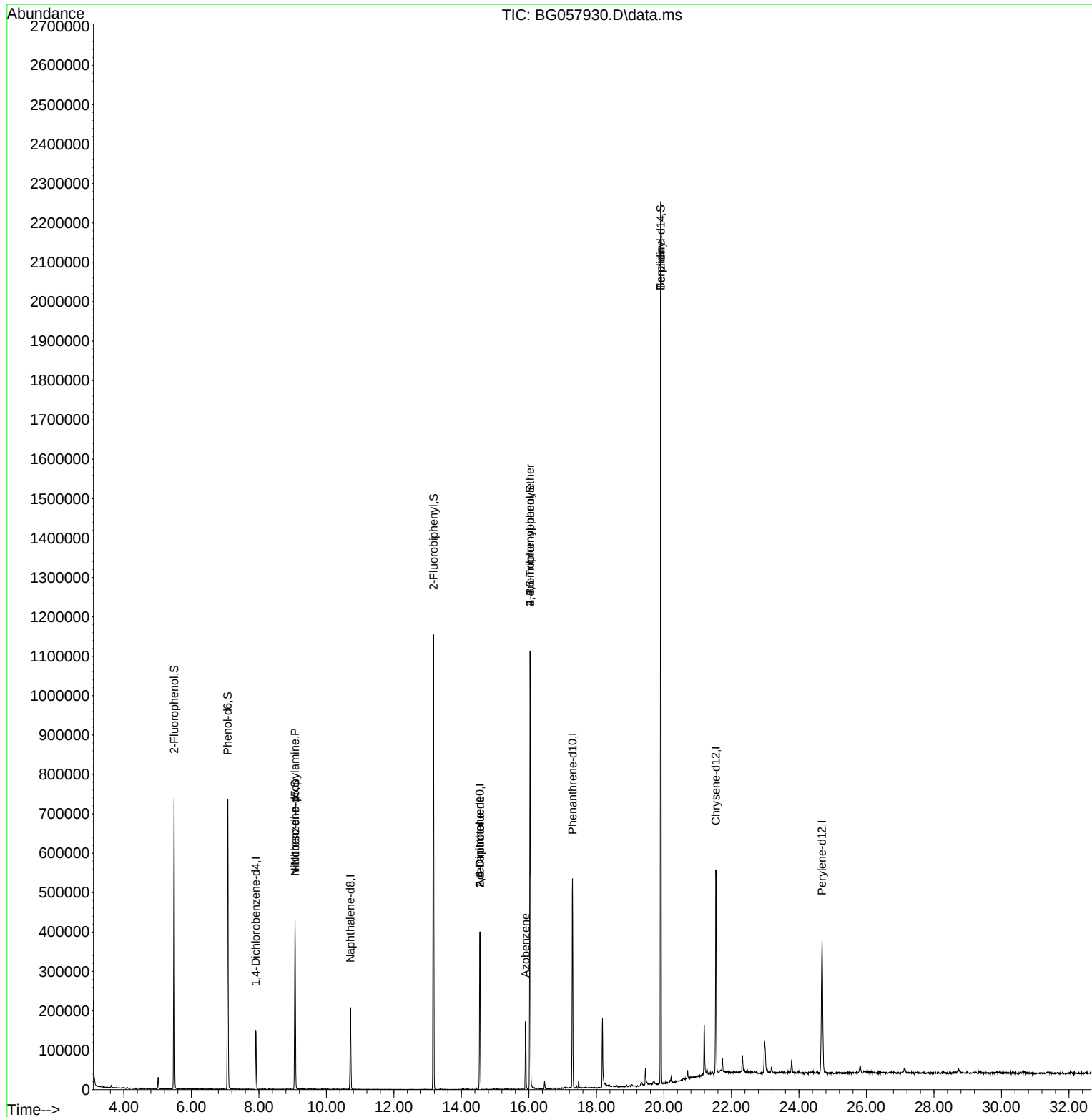
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	42123	20.000	ng	-0.02
21) Naphthalene-d8	10.712	136	179315	20.000	ng	-0.02
39) Acenaphthene-d10	14.548	164	142564	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	346037	20.000	ng	-0.01
76) Chrysene-d12	21.540	240	292028	20.000	ng	-0.02
86) Perylene-d12	24.684	264	354150	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.488	112	319036	115.881	ng	0.00
7) Phenol-d6	7.075	99	465381	113.041	ng	-0.01
23) Nitrobenzene-d5	9.072	82	264398	72.261	ng	-0.02
42) 2,4,6-Tribromophenol	16.035	330	240172	100.301	ng	-0.01
45) 2-Fluorobiphenyl	13.174	172	635428	68.018	ng	-0.01
79) Terphenyl-d14	19.907	244	1134049	70.797	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.075	77	653	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.072	70	32866	11.930	ng	# 75
51) 2,6-Dinitrotoluene	14.548	165	18824	8.024	ng	# 25
57) 2,4-Dinitrotoluene	14.548	165	18824	5.530	ng	# 22
63) Azobenzene	15.900	77	52871	4.642	ng	# 1
67) 4-Bromophenyl-phenylether	16.035	248	15480	4.238	ng	# 1
77) Benzidine	19.907	184	14624	2.134	ng	# 95

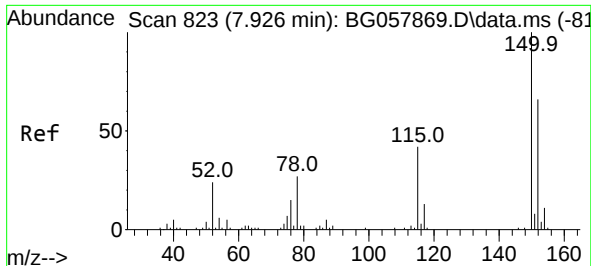
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057930.D
Acq On : 30 Jun 2023 22:35
Operator : CG/JU
Sample : 03358-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

Quant Time: Jul 01 02:21:04 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

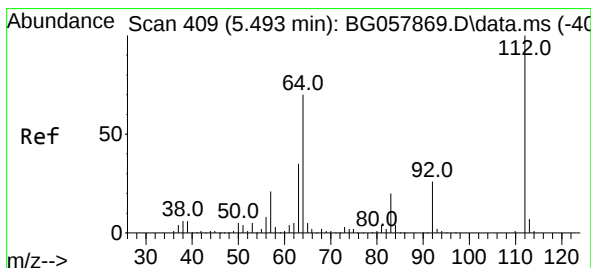
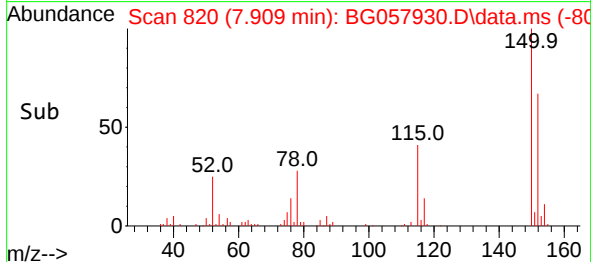
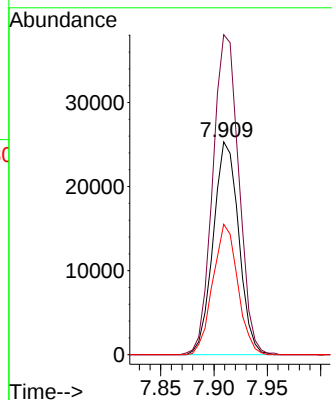
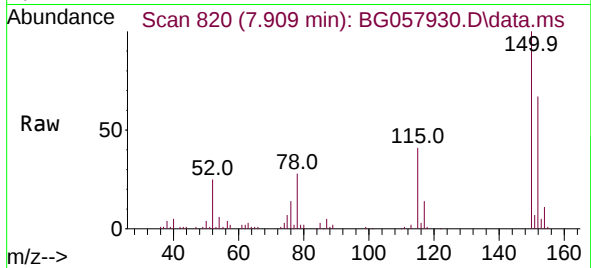




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.909 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

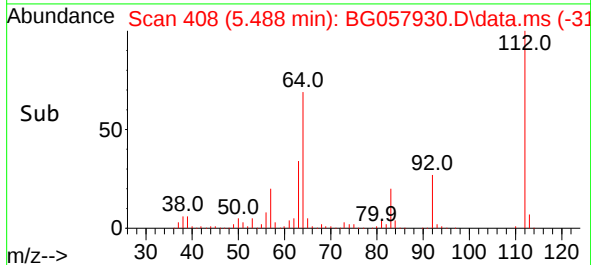
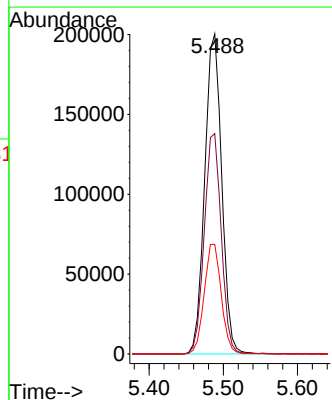
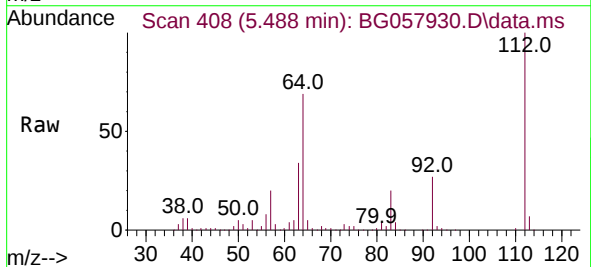
Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

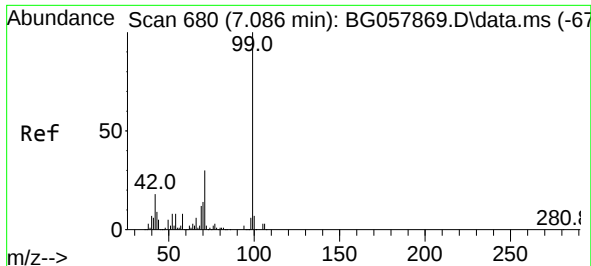
Tgt Ion:152 Resp: 42123
Ion Ratio Lower Upper
152 100
150 150.3 122.0 183.0
115 61.3 50.7 76.1



#5
2-Fluorophenol
Concen: 115.881 ng
RT: 5.488 min Scan# 408
Delta R.T. -0.005 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion:112 Resp: 319036
Ion Ratio Lower Upper
112 100
64 68.8 55.8 83.6
63 34.2 27.9 41.9



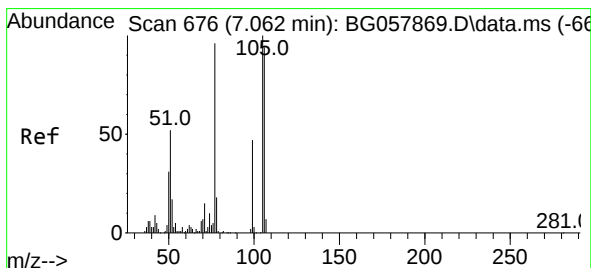
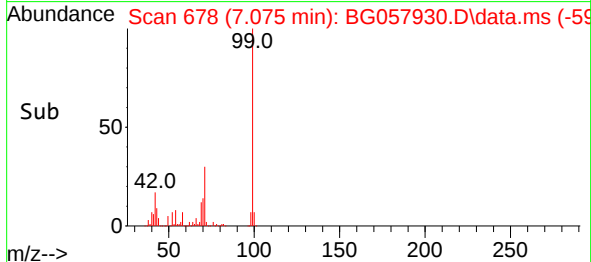
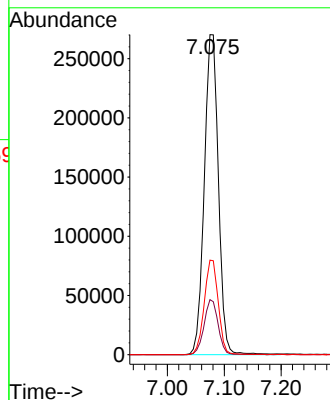
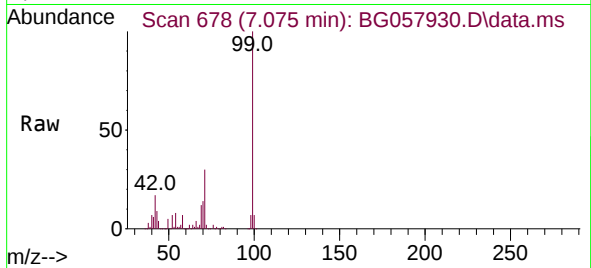


#7
Phenol-d6
Concen: 113.041 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

Tgt Ion: 99 Resp: 465381

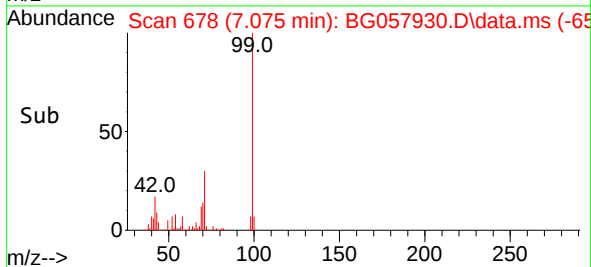
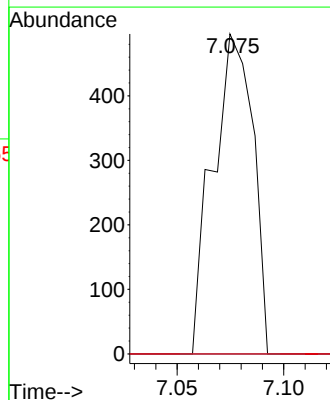
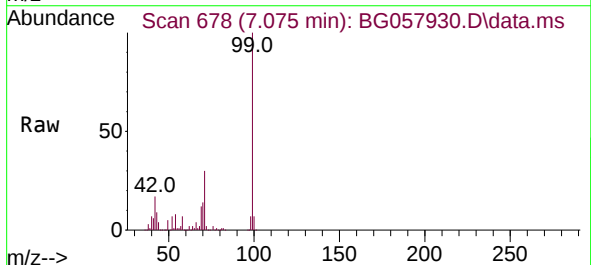
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.2	21.4
71	29.5	23.9	35.9

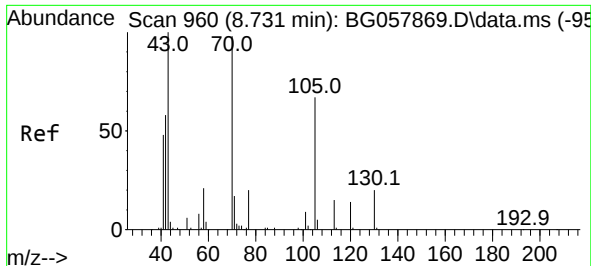


#9
Benzaldehyde
Concen: Below Cal
RT: 7.075 min Scan# 678
Delta R.T. 0.013 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion: 77 Resp: 653

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.7	123.7#
106	0.0	77.4	117.4#

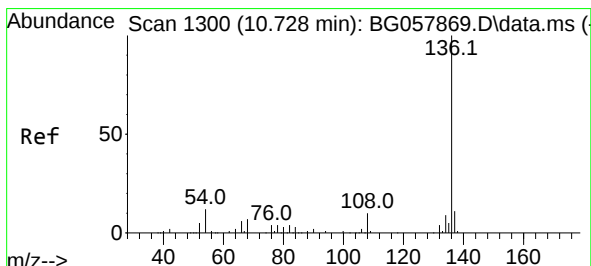
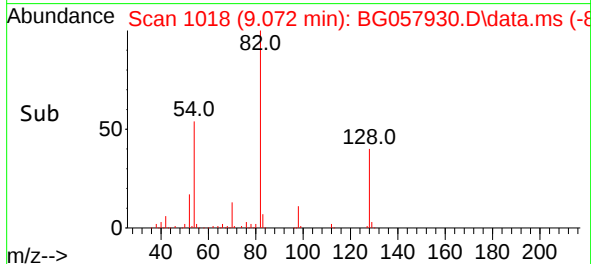
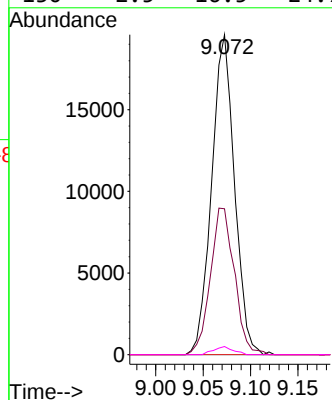
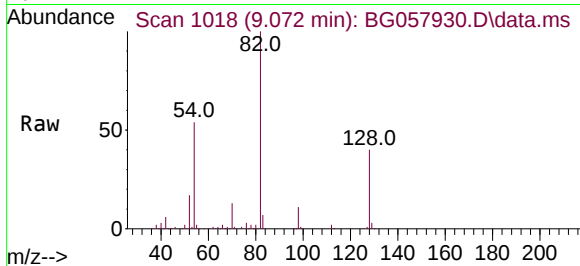




#19
n-Nitroso-di-n-propylamine
Concen: 11.930 ng
RT: 9.072 min Scan# 11
Delta R.T. 0.342 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

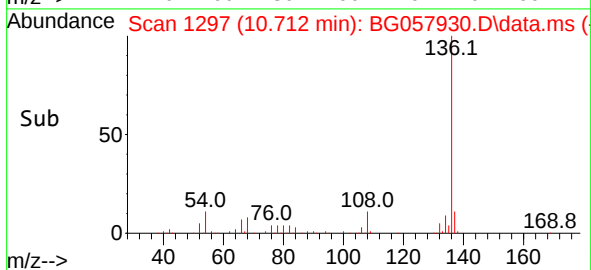
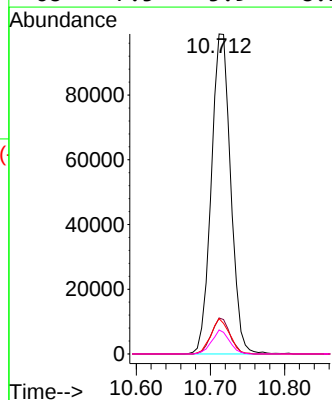
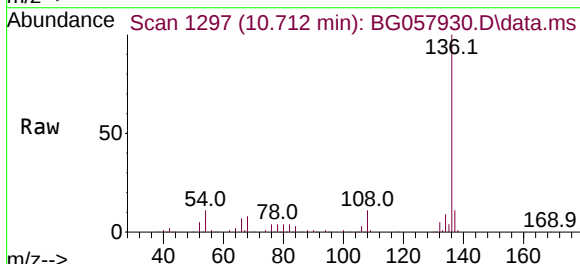
Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

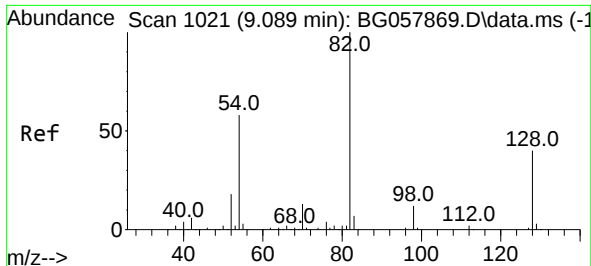
Tgt Ion: 70 Resp: 32866
Ion Ratio Lower Upper
70 100
42 45.6 48.4 72.6#
101 0.0 7.2 10.8#
130 2.5 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.712 min Scan# 1297
Delta R.T. -0.017 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion:136 Resp: 179315
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 11.1 9.3 13.9
68 7.5 5.9 8.9

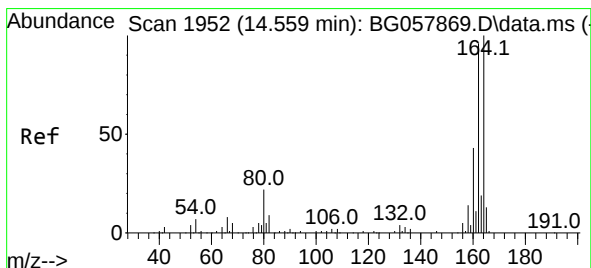
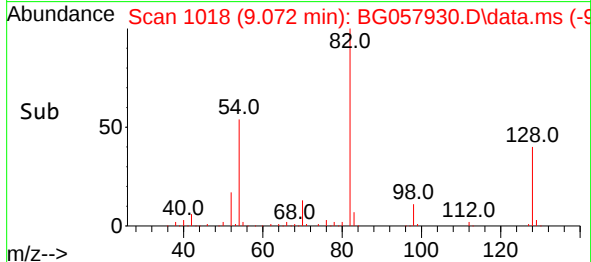
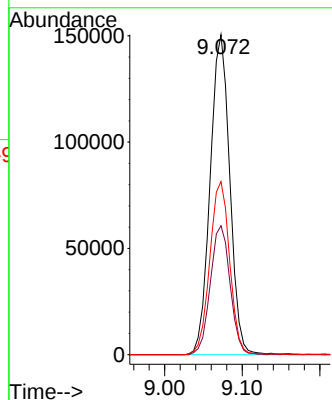
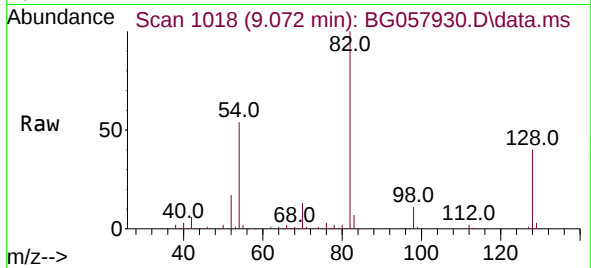




#23
Nitrobenzene-d5
Concen: 72.261 ng
RT: 9.072 min Scan# 1018
Delta R.T. -0.017 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

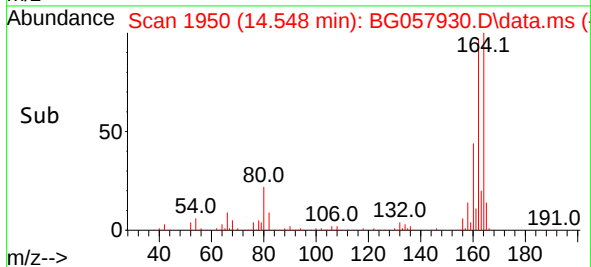
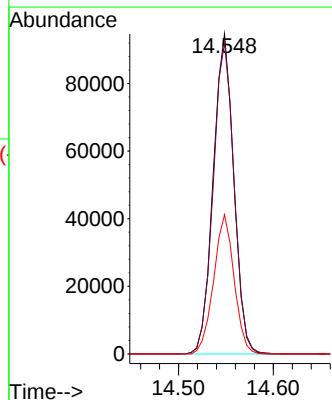
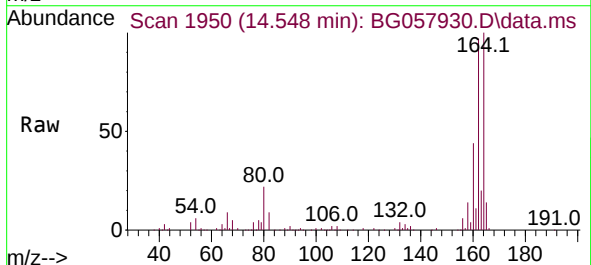
Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

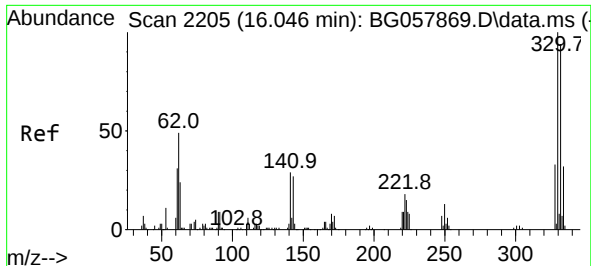
Tgt Ion: 82 Resp: 264398
Ion Ratio Lower Upper
82 100
128 40.3 32.2 48.4
54 54.1 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.011 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

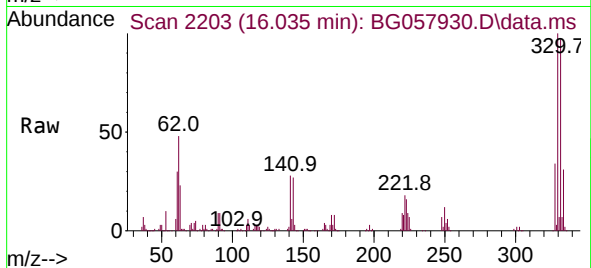
Tgt Ion:164 Resp: 142564
Ion Ratio Lower Upper
164 100
162 97.3 76.4 114.6
160 43.5 34.2 51.2



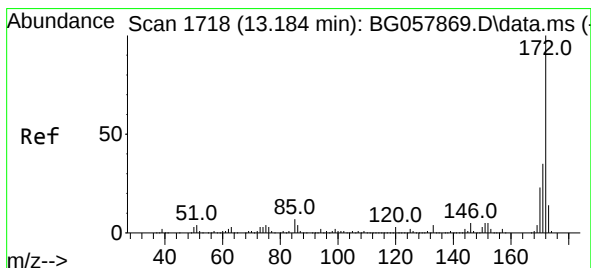
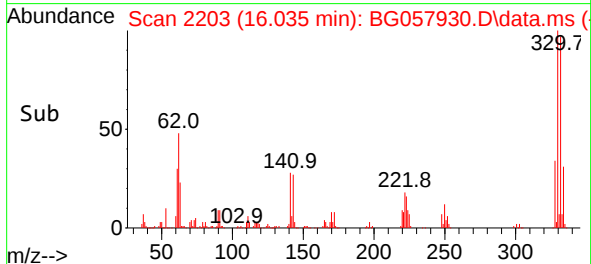
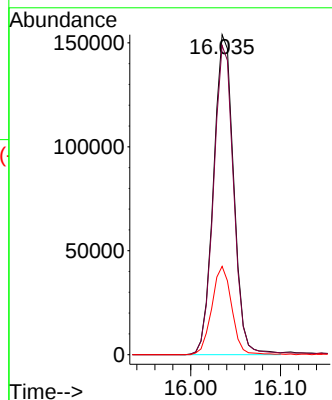


#42
2,4,6-Tribromophenol
Concen: 100.301 ng
RT: 16.035 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

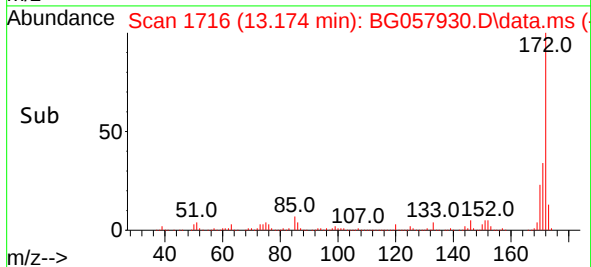
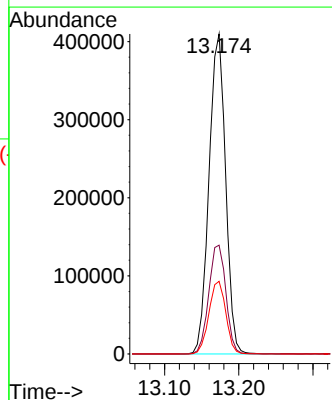
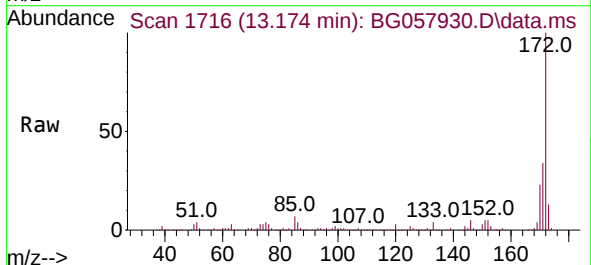


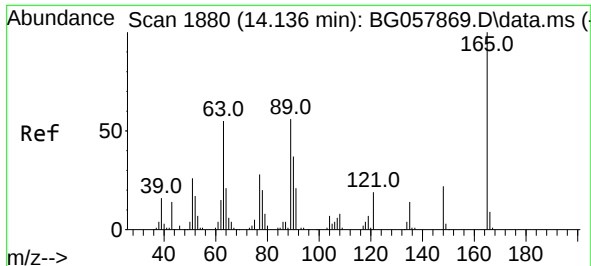
Tgt Ion:330 Resp: 240172
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 27.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 68.018 ng
RT: 13.174 min Scan# 1716
Delta R.T. -0.011 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion:172 Resp: 635428
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 22.7 18.6 27.8

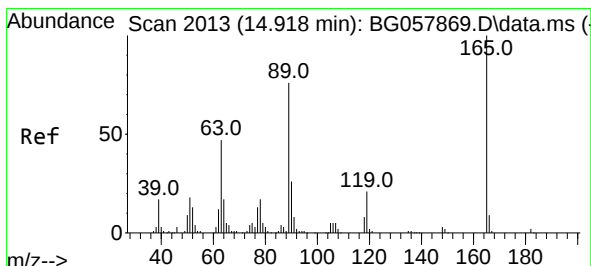
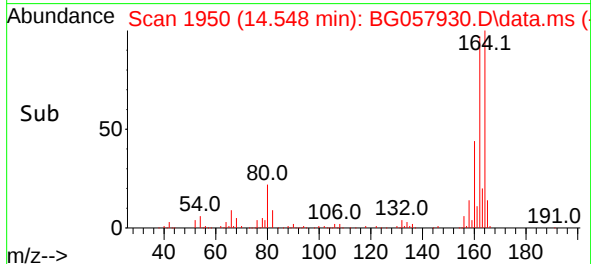
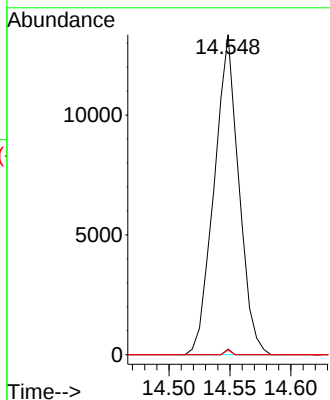
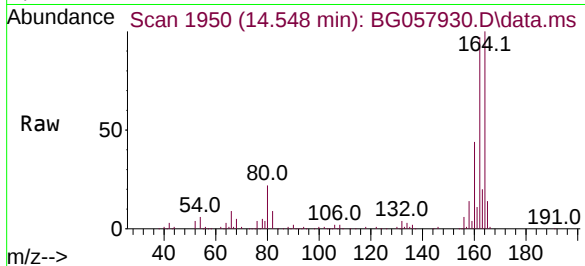




#51
2,6-Dinitrotoluene
Concen: 8.024 ng
RT: 14.548 min Scan# 1950
Delta R.T. 0.412 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

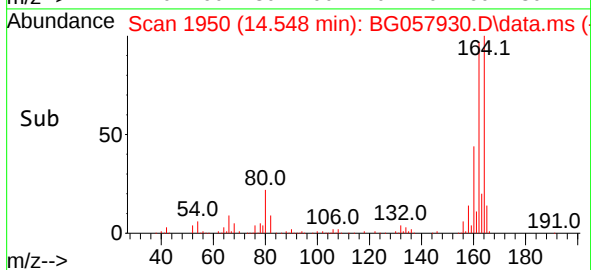
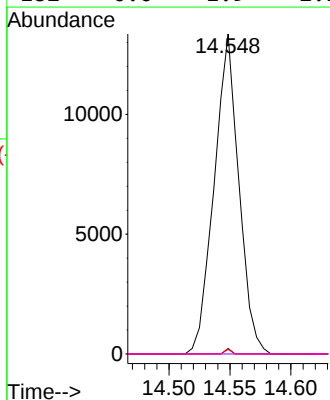
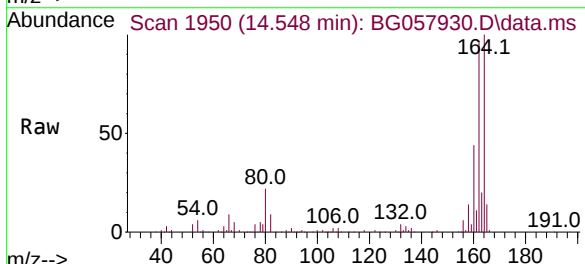
Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

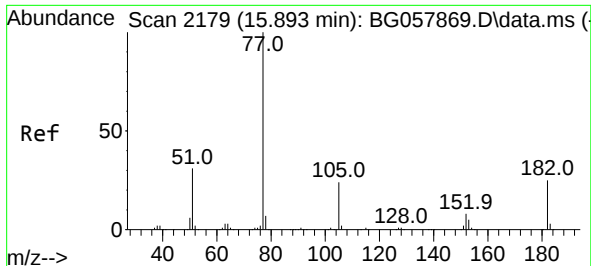
Tgt Ion:165 Resp: 18824
Ion Ratio Lower Upper
165 100
63 1.7 46.4 69.6#
89 1.5 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.530 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.369 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion:165 Resp: 18824
Ion Ratio Lower Upper
165 100
63 1.7 37.6 56.4#
89 1.5 61.0 91.4#
182 0.0 1.9 2.9#

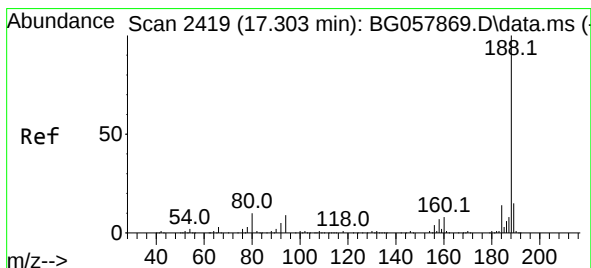
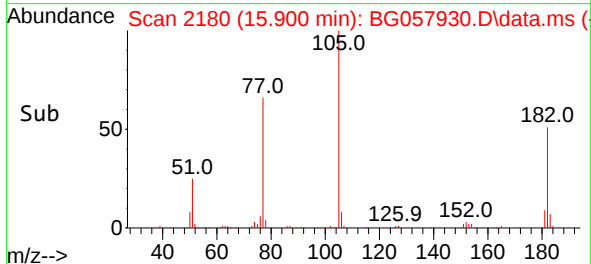
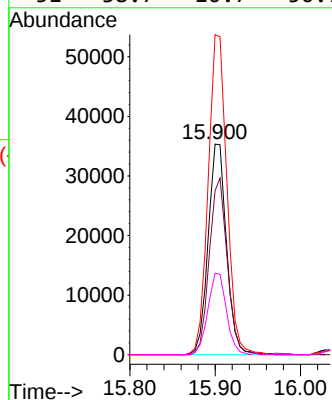
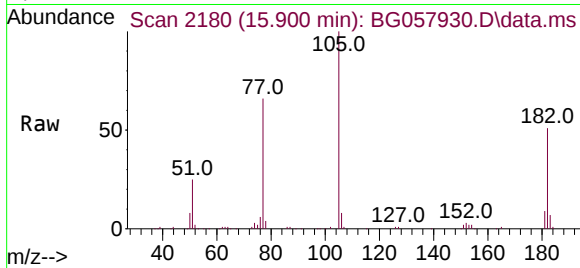




#63
Azobenzene
Concen: 4.642 ng
RT: 15.900 min Scan# 2179
Delta R.T. 0.007 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

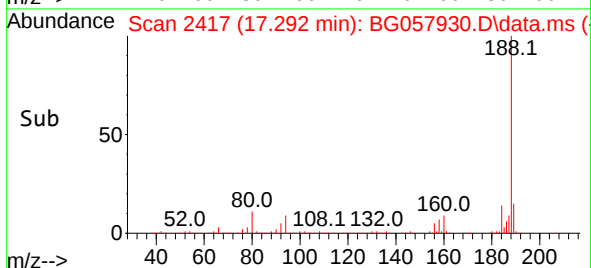
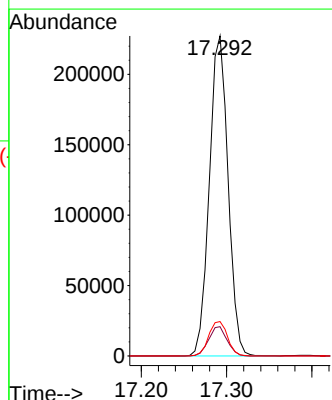
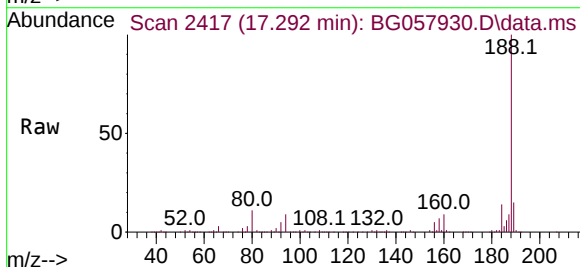
Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

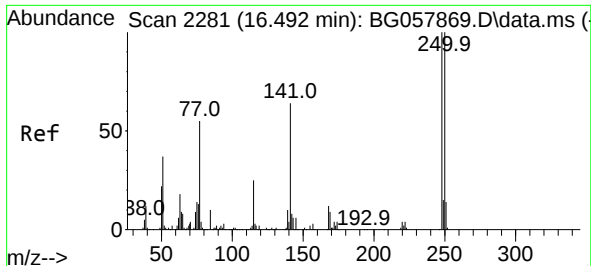
Tgt Ion: 77 Resp: 52871
Ion Ratio Lower Upper
77 100
182 77.9 5.1 45.1#
105 151.9 3.9 43.9#
51 38.7 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2417
Delta R.T. -0.011 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion:188 Resp: 346037
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.8 8.4 12.6

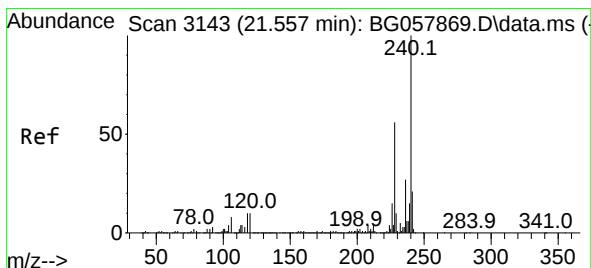
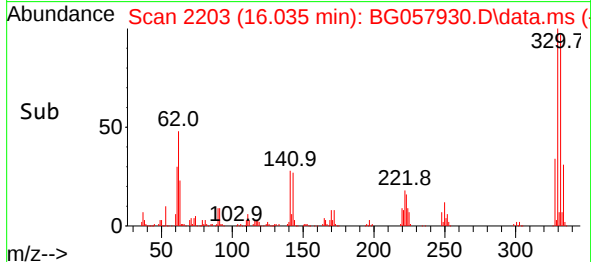
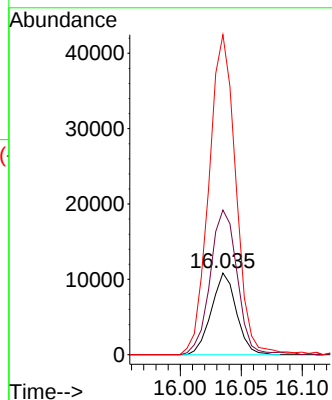
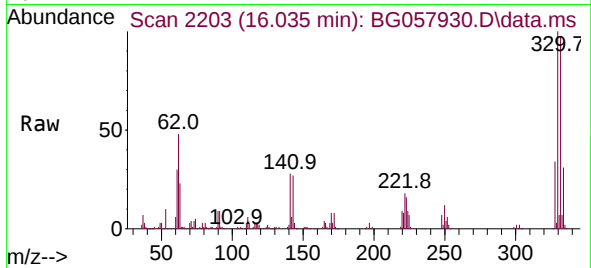




#67
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 16.035 min Scan# 21
Delta R.T. -0.457 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

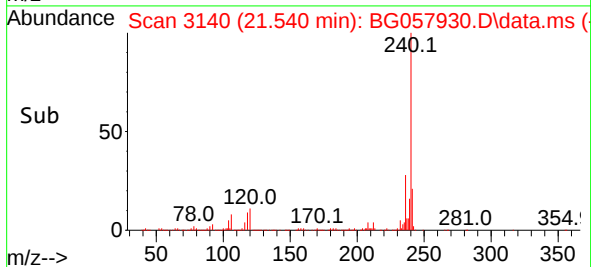
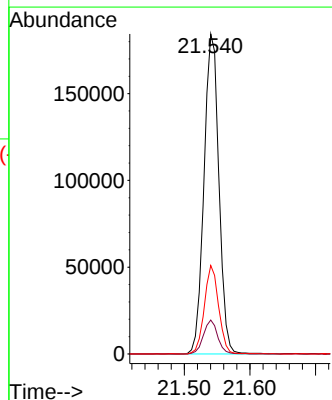
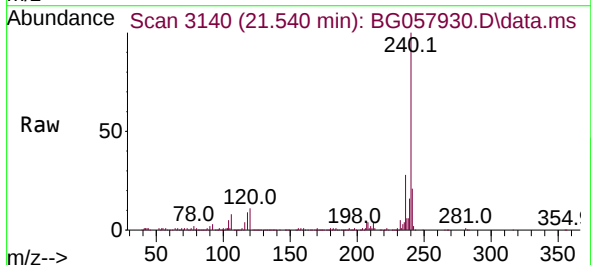
Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

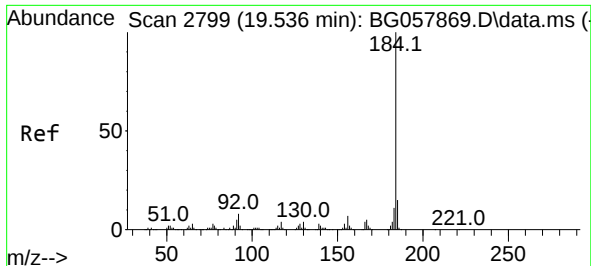
Tgt Ion:248 Resp: 15480
Ion Ratio Lower Upper
248 100
250 177.1 79.7 119.5#
141 391.9 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.540 min Scan# 3140
Delta R.T. -0.017 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion:240 Resp: 292028
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.6 21.9 32.9

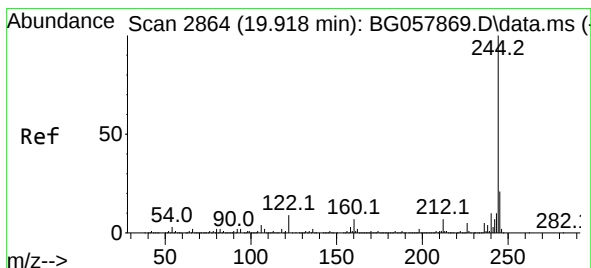
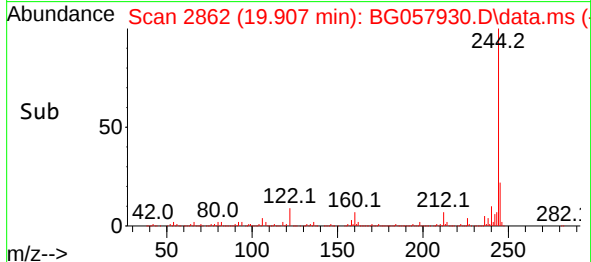
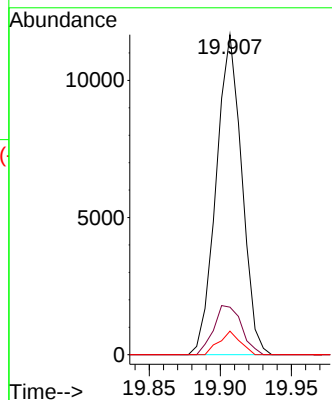
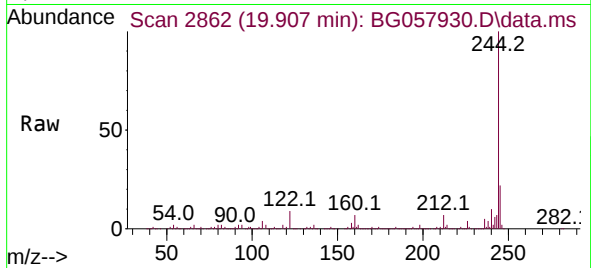




#77
Benzidine
Concen: 2.134 ng
RT: 19.907 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

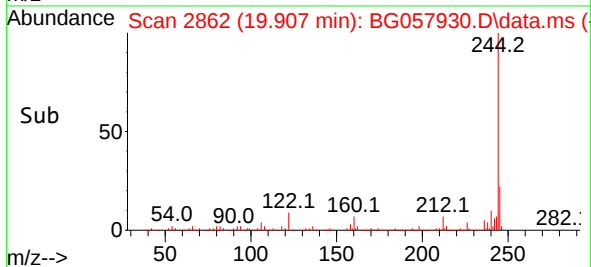
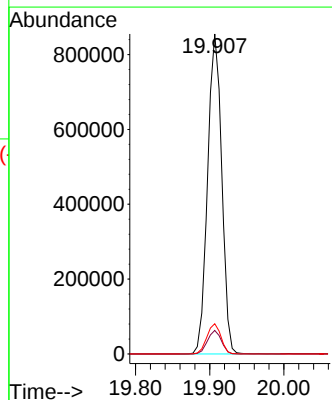
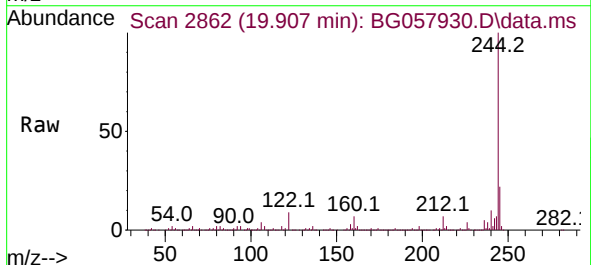
Instrument :
BNA_G
ClientSampleId :
SB-6-(24-28)

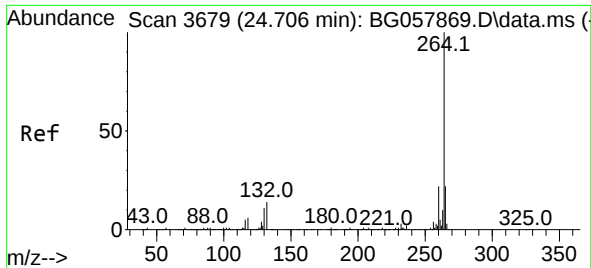
Tgt Ion:184 Resp: 14624
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 7.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 70.797 ng
RT: 19.907 min Scan# 2862
Delta R.T. -0.011 min
Lab File: BG057930.D
Acq: 30 Jun 2023 22:35

Tgt Ion:244 Resp: 1134049
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.4 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.684 min Scan# 30
 Delta R.T. -0.022 min
 Lab File: BG057930.D
 Acq: 30 Jun 2023 22:35

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-(24-28)

Tgt Ion:264 Resp: 354150
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.8 26.8
 265 22.2 17.3 25.9

