

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057925.D
 Acq On : 30 Jun 2023 19:03
 Operator : CG/JU
 Sample : 03358-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-(22-26)

Quant Time: Jul 01 02:18:25 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)

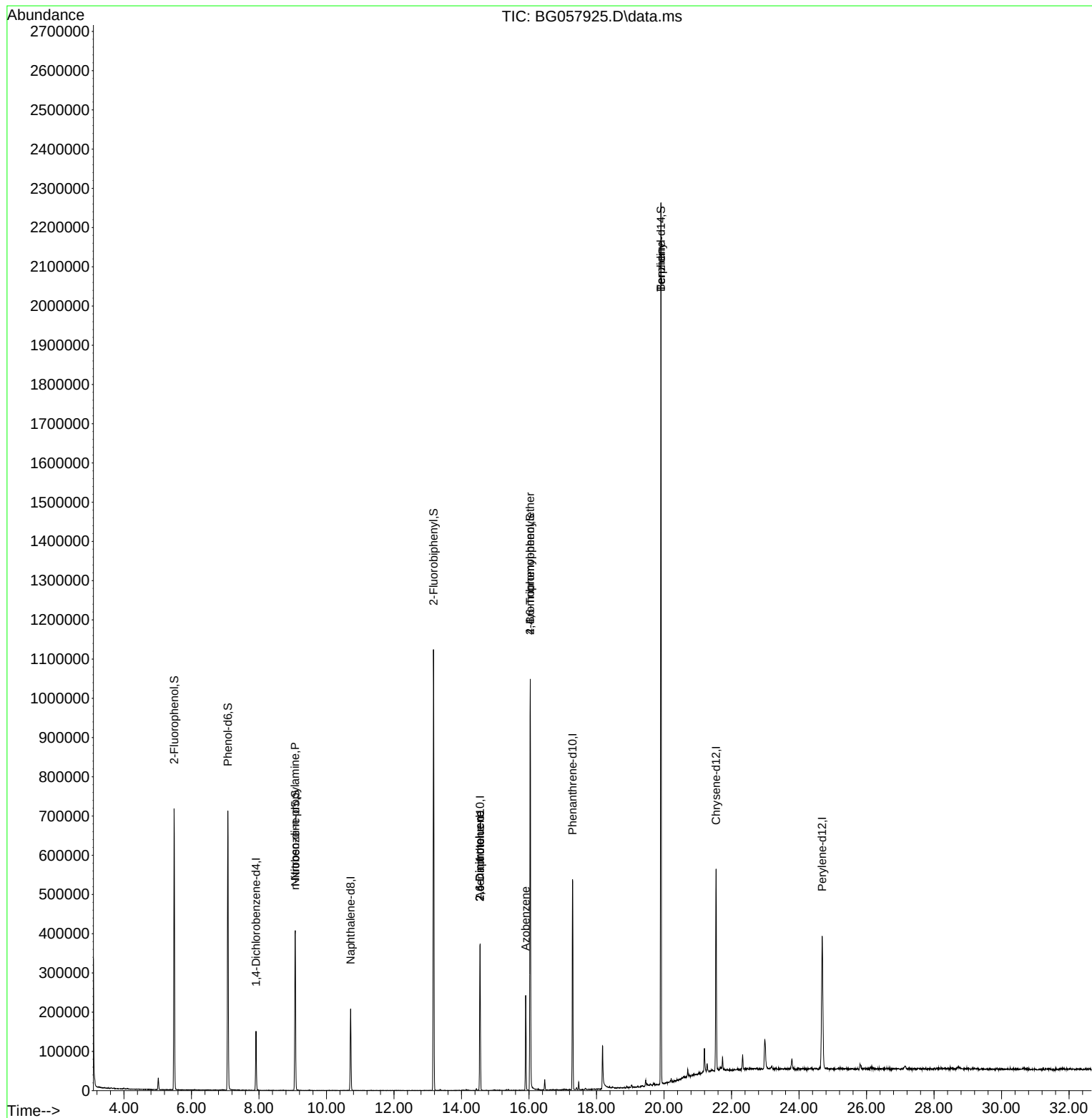
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	42021	20.000	ng	-0.01
21) Naphthalene-d8	10.715	136	173923	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	137796	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	348475	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	290195	20.000	ng	-0.01
86) Perylene-d12	24.686	264	349163	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.485	112	303747	110.595	ng	0.00
7) Phenol-d6	7.078	99	428152	104.250	ng	0.00
23) Nitrobenzene-d5	9.075	82	253650	71.473	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	234054	101.129	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	609700	67.522	ng	-0.01
79) Terphenyl-d14	19.910	244	1160434	72.902	ng	0.00
Target Compounds						
9) Benzaldehyde	7.084	77	695	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.069	70	30509	11.102	ng	# 76
51) 2,6-Dinitrotoluene	14.545	165	17304	7.631	ng	# 24
57) 2,4-Dinitrotoluene	14.545	165	17304	5.259	ng	# 21
63) Azobenzene	15.903	77	67335	6.116	ng	# 1
67) 4-Bromophenyl-phenylether	16.038	248	14735	4.006	ng	# 1
77) Benizidine	19.910	184	15015	2.205	ng	# 96

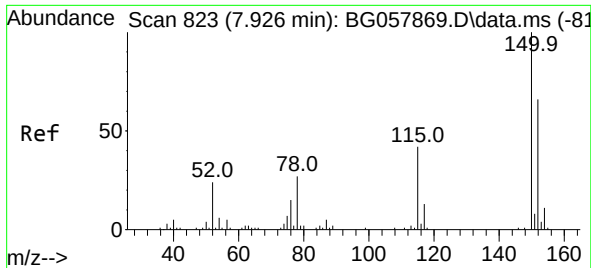
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
Data File : BG057925.D
Acq On : 30 Jun 2023 19:03
Operator : CG/JU
Sample : 03358-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

Quant Time: Jul 01 02:18:25 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

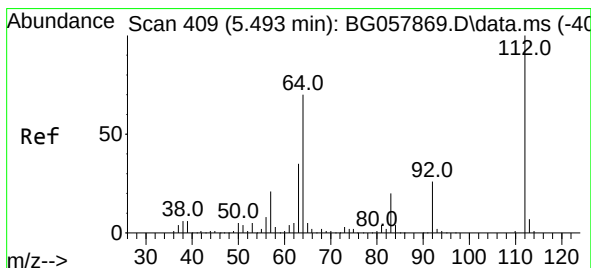
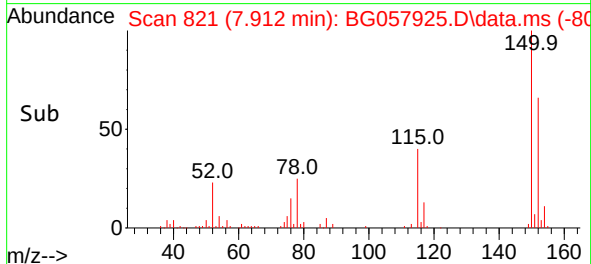
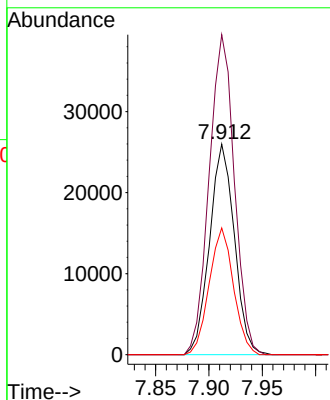
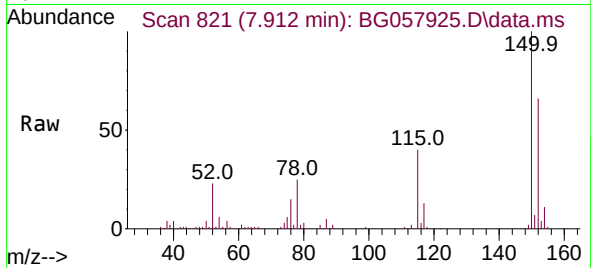




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

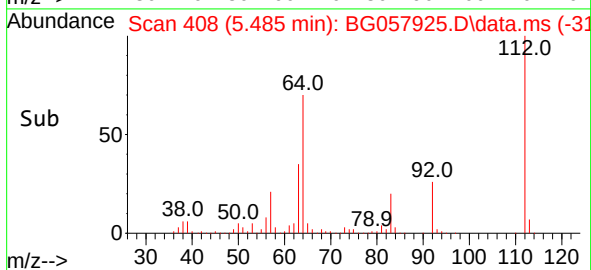
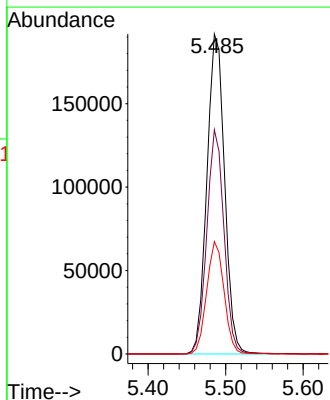
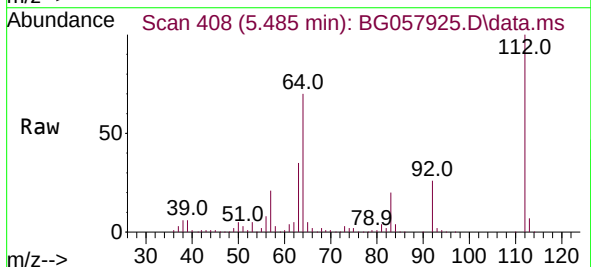
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

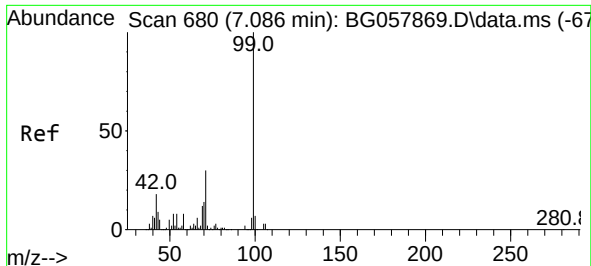
Tgt Ion:152 Resp: 42021
Ion Ratio Lower Upper
152 100
150 152.0 122.0 183.0
115 60.2 50.7 76.1



#5
2-Fluorophenol
Concen: 110.595 ng
RT: 5.485 min Scan# 408
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:112 Resp: 303747
Ion Ratio Lower Upper
112 100
64 70.1 55.8 83.6
63 35.1 27.9 41.9

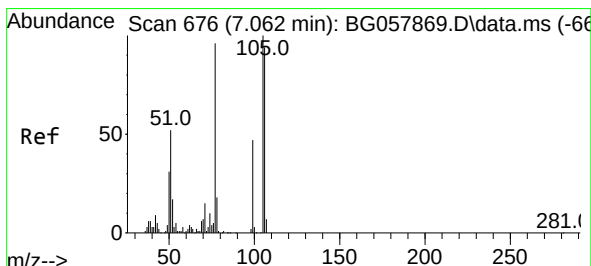
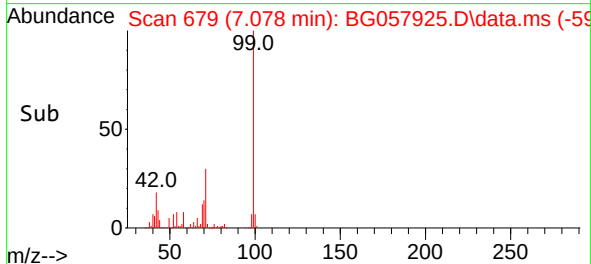
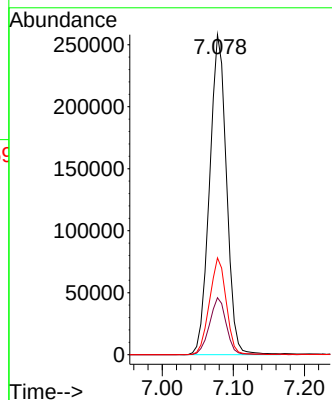
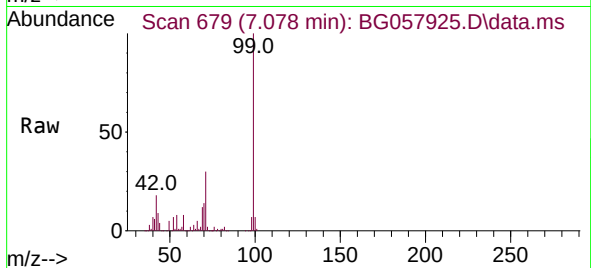




#7
Phenol-d6
Concen: 104.250 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

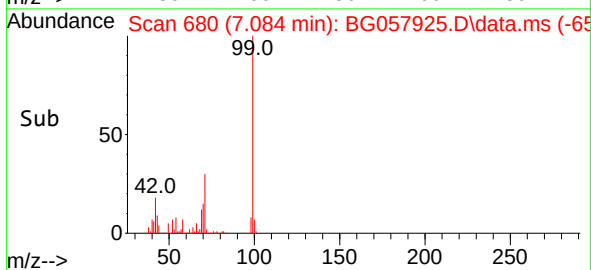
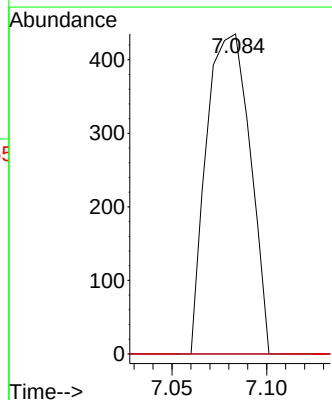
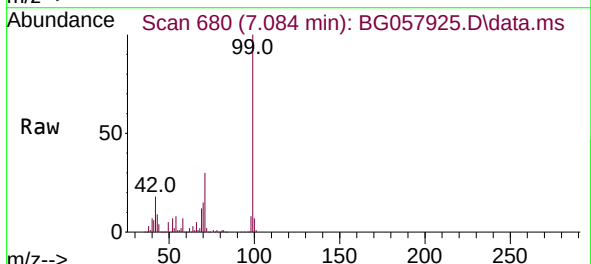
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

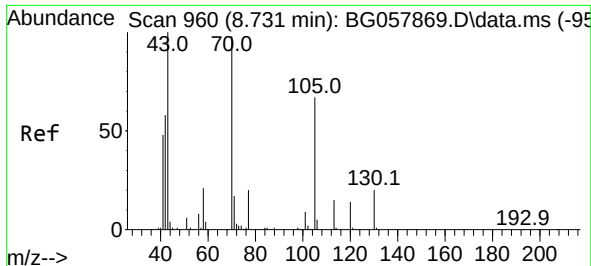
Tgt Ion: 99 Resp: 428152
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.2 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.084 min Scan# 680
Delta R.T. 0.022 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion: 77 Resp: 695
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

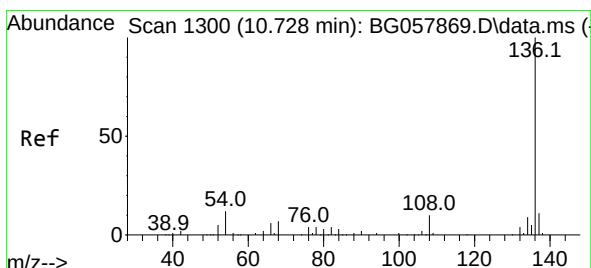
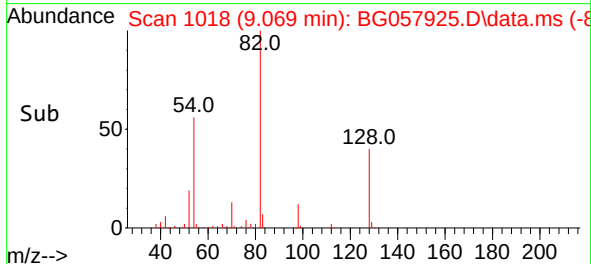
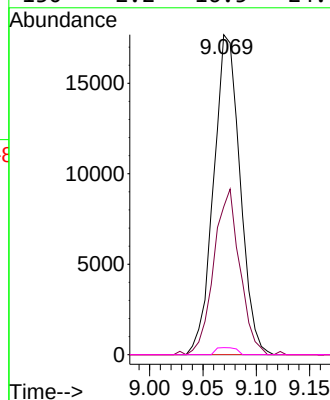
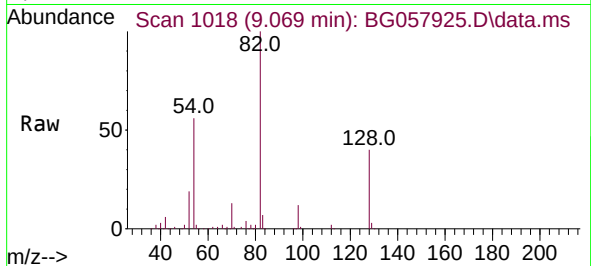




#19
n-Nitroso-di-n-propylamine
Concen: 11.102 ng
RT: 9.069 min Scan# 11
Delta R.T. 0.339 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

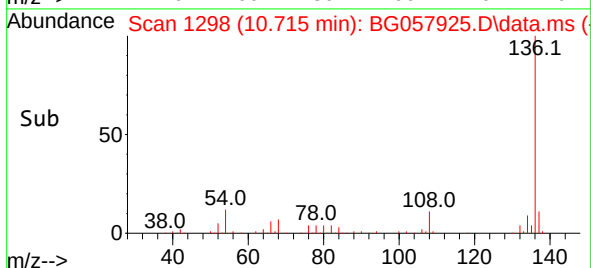
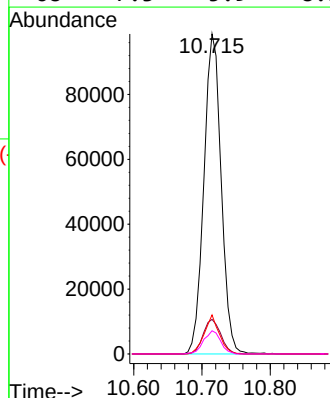
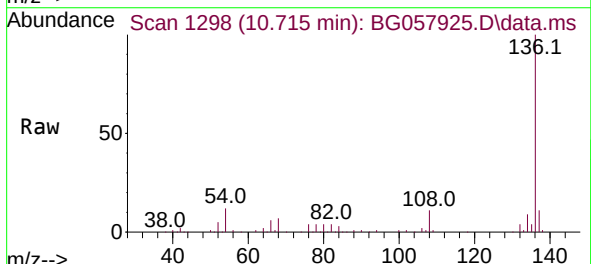
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

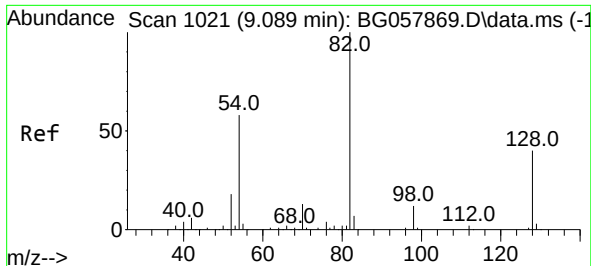
Tgt Ion: 70 Resp: 30509
Ion Ratio Lower Upper
70 100
42 46.2 48.4 72.6#
101 0.0 7.2 10.8#
130 2.2 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion: 136 Resp: 173923
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 12.2 9.3 13.9
68 7.3 5.9 8.9

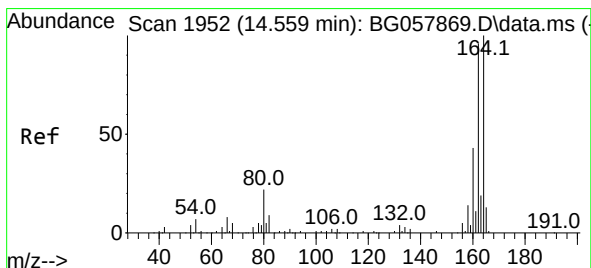
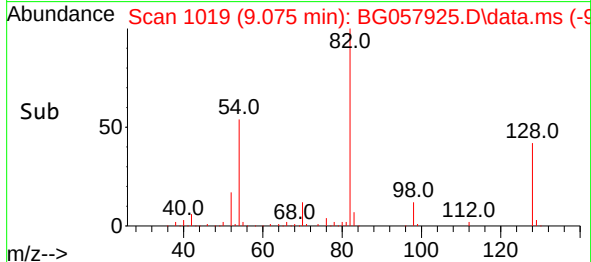
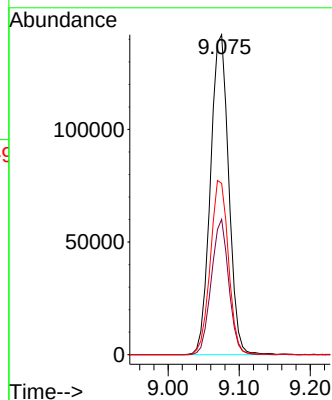
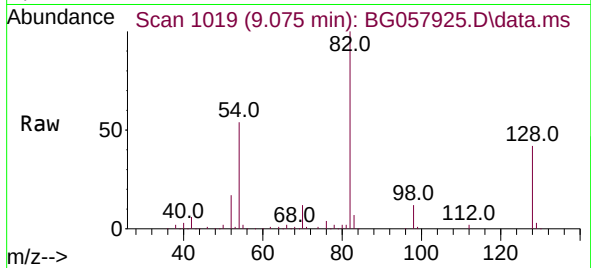




#23
Nitrobenzene-d5
Concen: 71.473 ng
RT: 9.075 min Scan# 1019
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

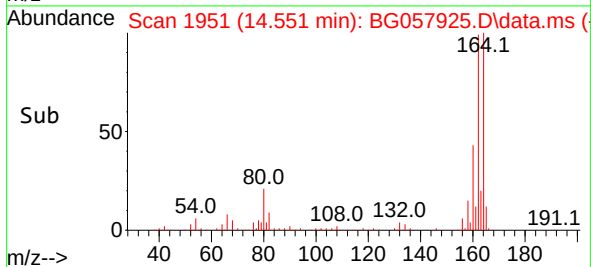
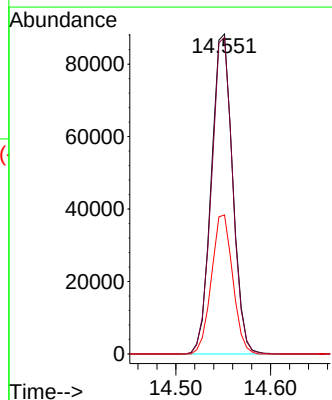
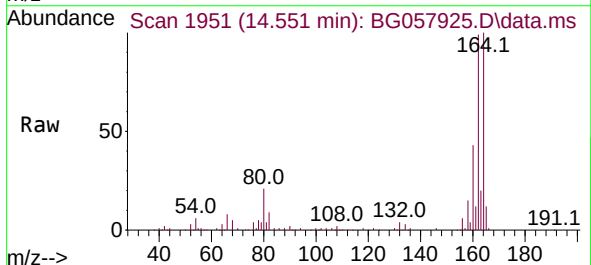
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

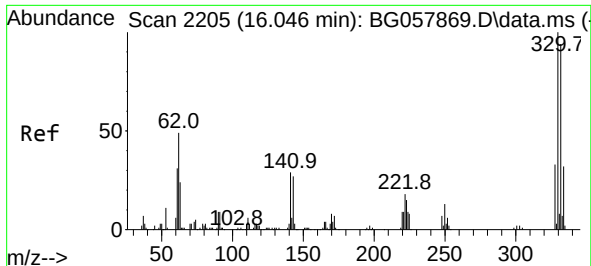
Tgt Ion: 82 Resp: 253650
Ion Ratio Lower Upper
82 100
128 42.3 32.2 48.4
54 53.6 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:164 Resp: 137796
Ion Ratio Lower Upper
164 100
162 99.0 76.4 114.6
160 43.4 34.2 51.2

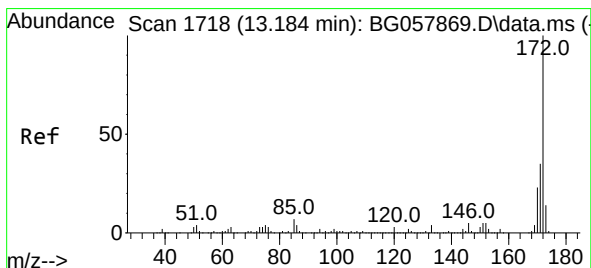
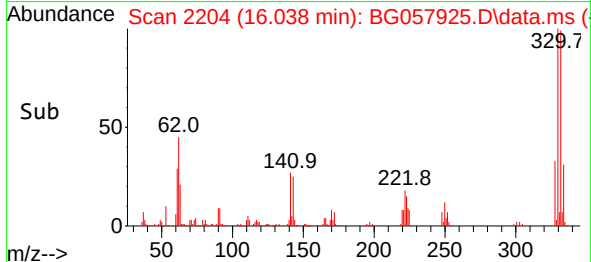
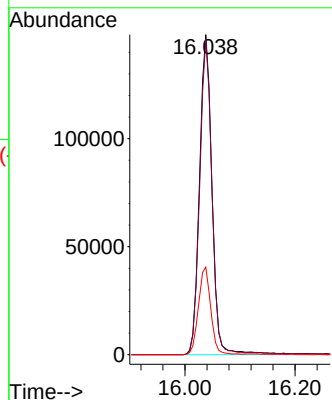
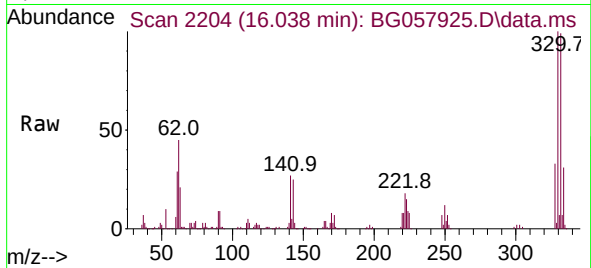




#42
2,4,6-Tribromophenol
Concen: 101.129 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

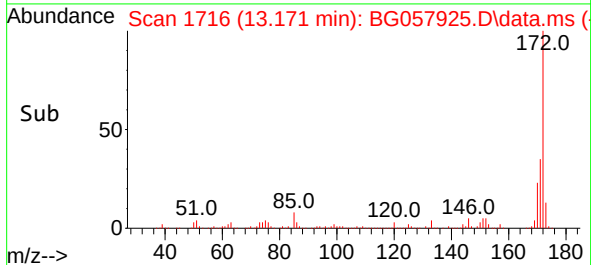
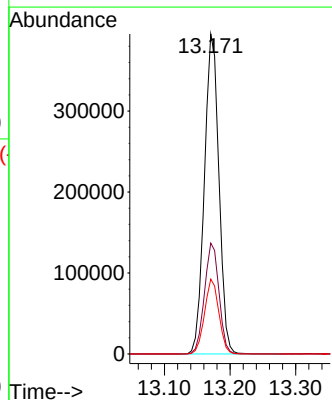
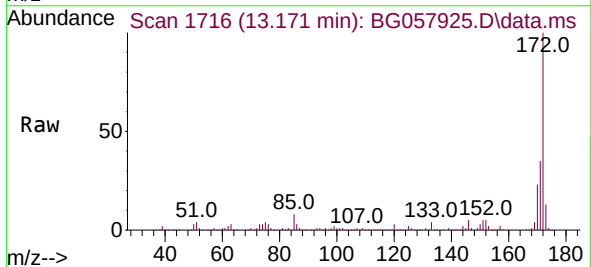
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

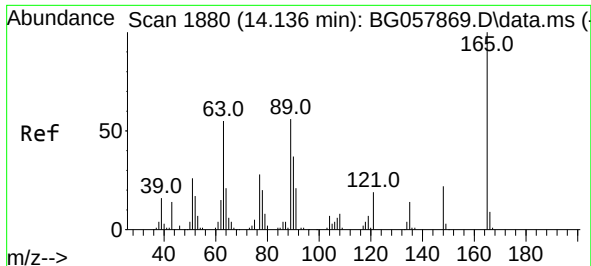
Tgt Ion:330 Resp: 234054
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 27.0 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 67.522 ng
RT: 13.171 min Scan# 1716
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:172 Resp: 609700
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.4 18.6 27.8

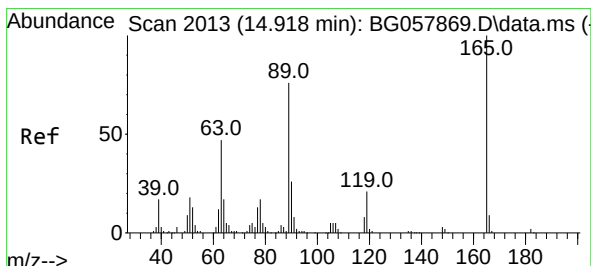
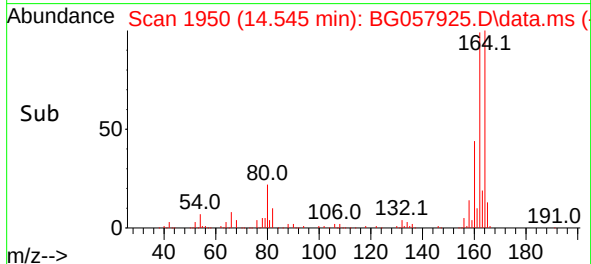
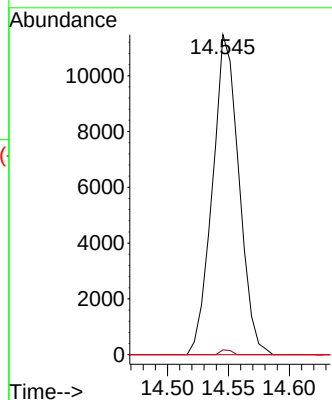
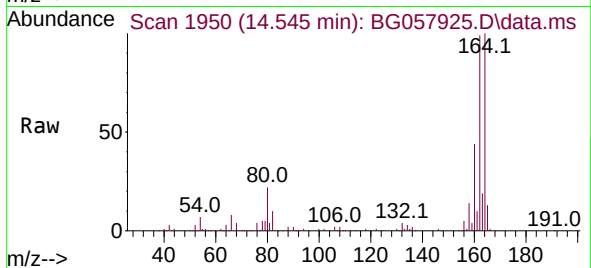




#51
2,6-Dinitrotoluene
Concen: 7.631 ng
RT: 14.545 min Scan# 1950
Delta R.T. 0.409 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

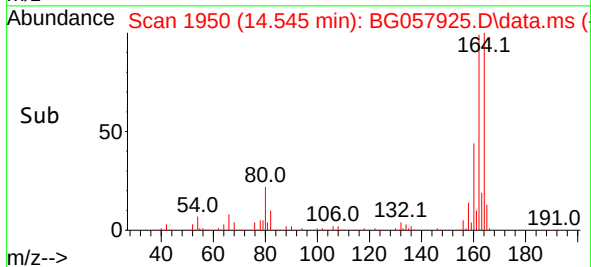
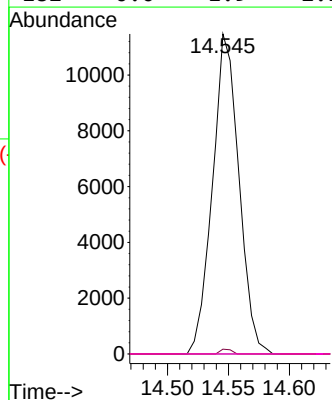
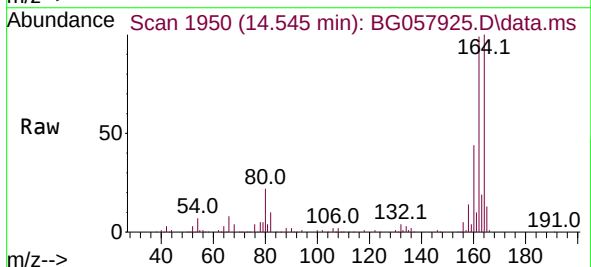
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

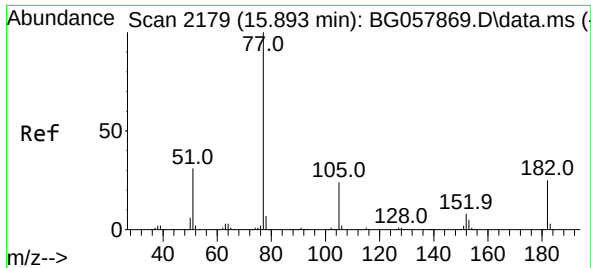
Tgt Ion:165 Resp: 17304
Ion Ratio Lower Upper
165 100
63 1.5 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.259 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.372 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:165 Resp: 17304
Ion Ratio Lower Upper
165 100
63 1.5 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#

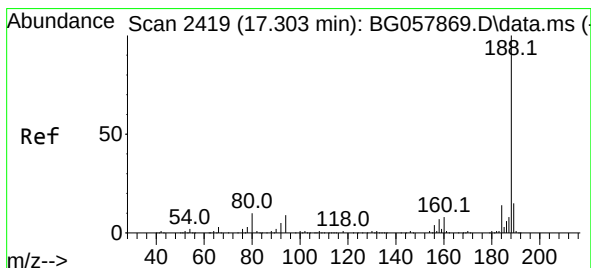
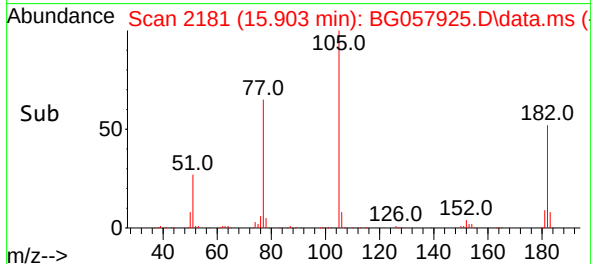
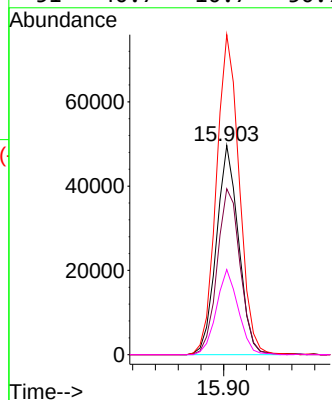
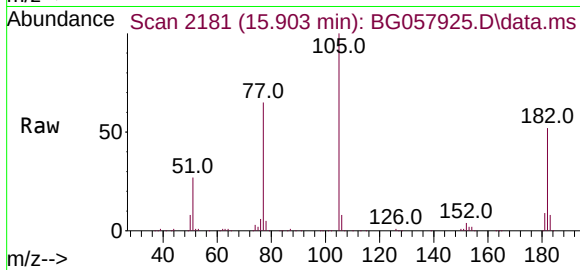




#63
 Azobenzene
 Concen: 6.116 ng
 RT: 15.903 min Scan# 2179
 Delta R.T. 0.010 min
 Lab File: BG057925.D
 Acq: 30 Jun 2023 19:03

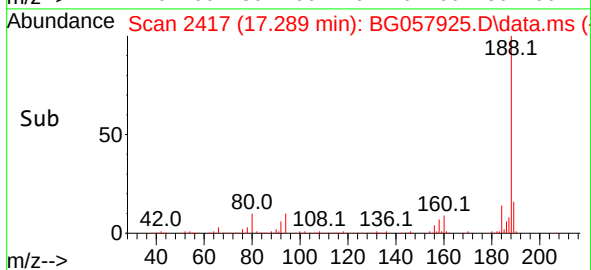
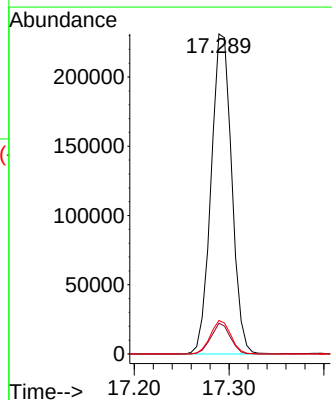
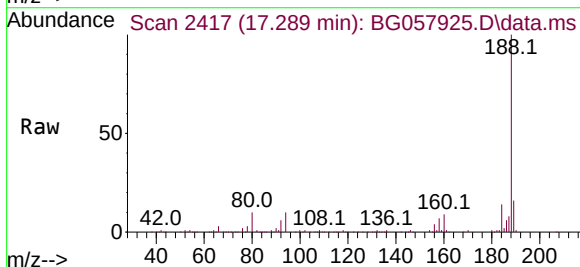
Instrument :
 BNA_G
 ClientSampleId :
 SB-4-(22-26)

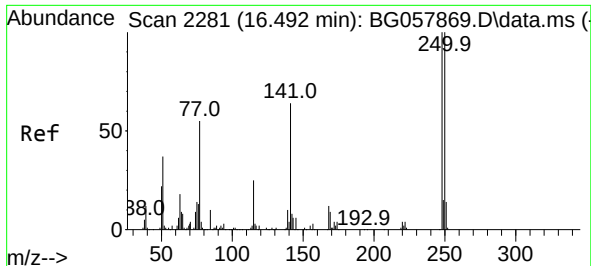
Tgt Ion: 77 Resp: 67335
 Ion Ratio Lower Upper
 77 100
 182 79.3 5.1 45.1#
 105 152.9 3.9 43.9#
 51 40.7 10.7 50.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.289 min Scan# 2417
 Delta R.T. -0.014 min
 Lab File: BG057925.D
 Acq: 30 Jun 2023 19:03

Tgt Ion: 188 Resp: 348475
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 10.5 8.4 12.6

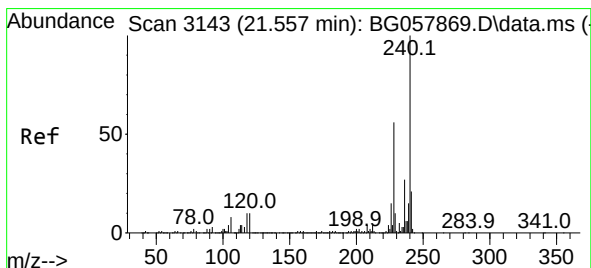
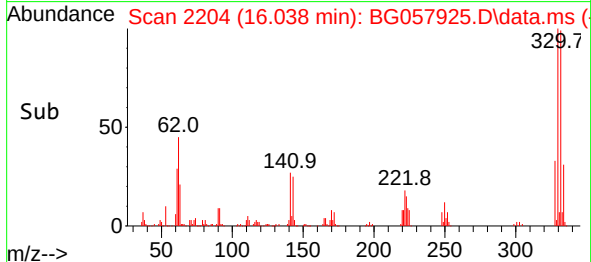
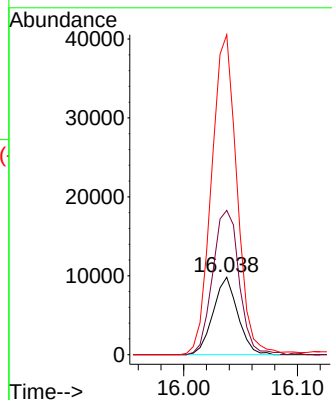
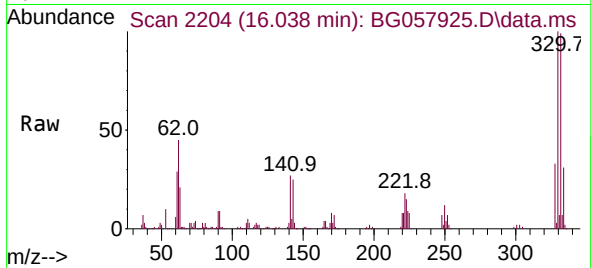




#67
4-Bromophenyl-phenylether
Concen: 4.006 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

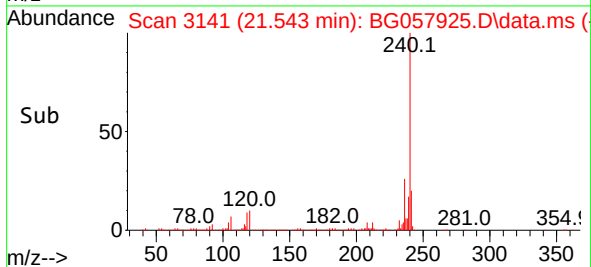
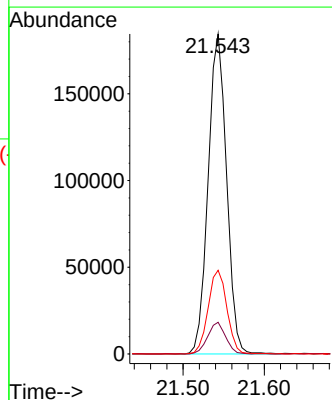
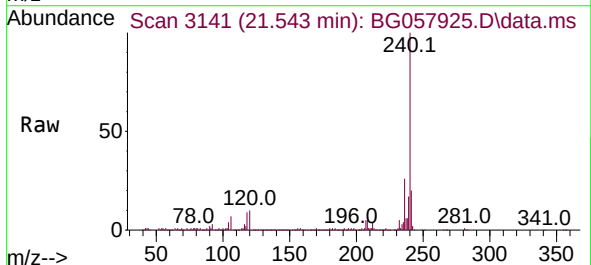
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

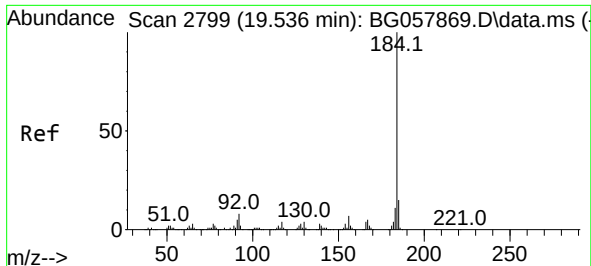
Tgt Ion:248 Resp: 14735
Ion Ratio Lower Upper
248 100
250 186.4 79.7 119.5#
141 413.2 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:240 Resp: 290195
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.2 21.9 32.9

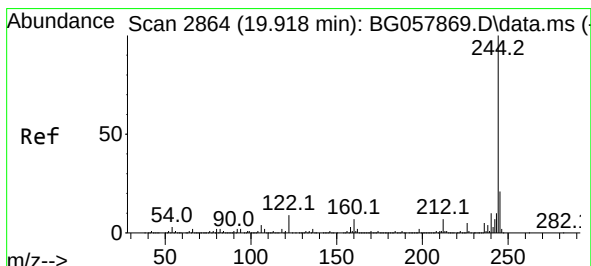
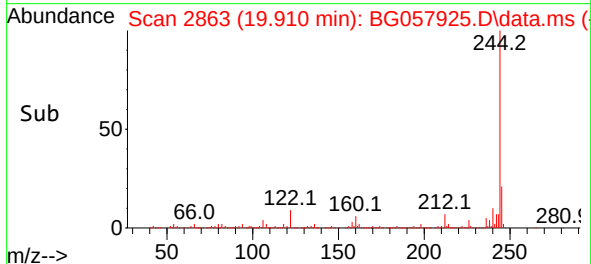
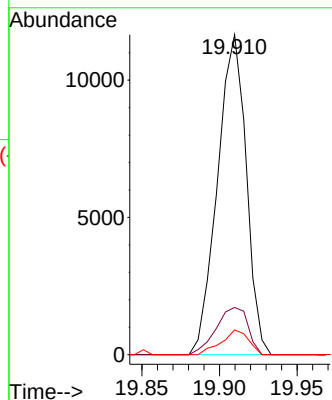
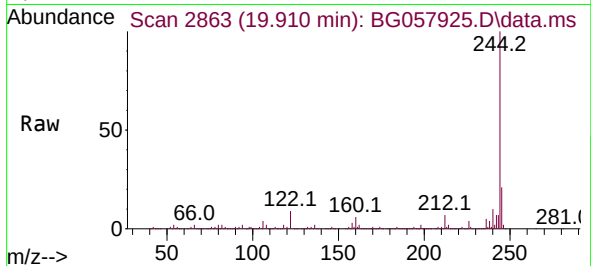




#77
Benzidine
Concen: 2.205 ng
RT: 19.910 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

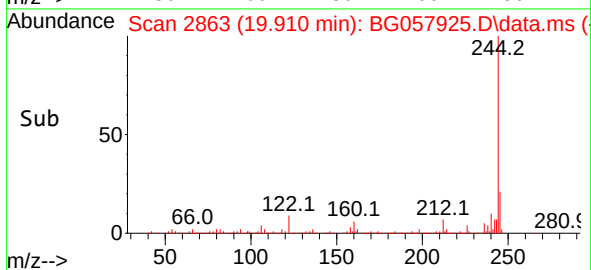
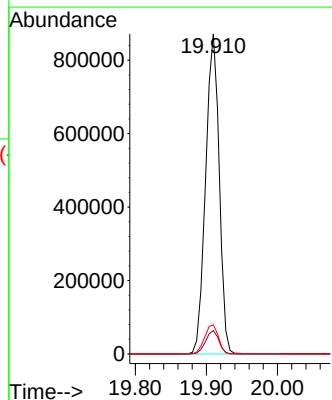
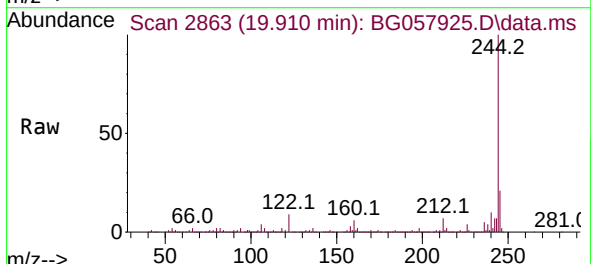
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

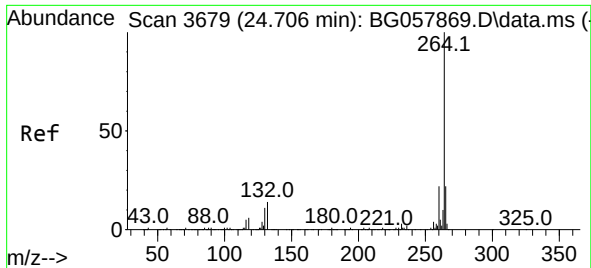
Tgt Ion:184 Resp: 15015
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 7.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 72.902 ng
RT: 19.910 min Scan# 2863
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:244 Resp: 1160434
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.1 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: BG057925.D
 Acq: 30 Jun 2023 19:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-(22-26)

Tgt Ion:264 Resp: 349163
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.8
 265 21.7 17.3 25.9

