

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057928.D
 Acq On : 30 Jun 2023 21:10
 Operator : CG/JU
 Sample : 03358-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-(8-10)

Quant Time: Jul 01 02:20:22 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)

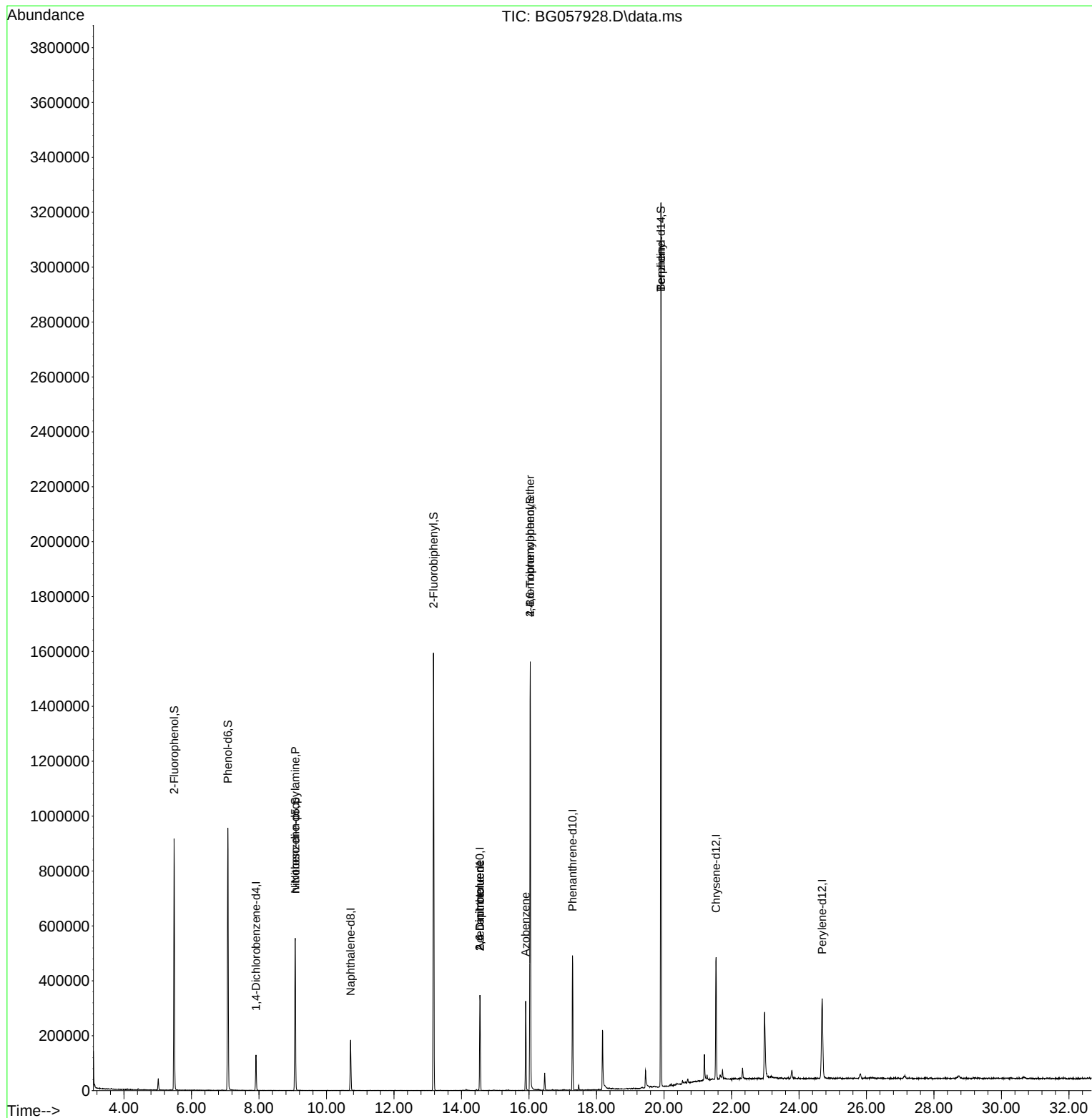
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	35749	20.000	ng	-0.01
21) Naphthalene-d8	10.715	136	154516	20.000	ng	-0.01
39) Acenaphthene-d10	14.546	164	124842	20.000	ng	-0.01
64) Phenanthrene-d10	17.290	188	312406	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	257764	20.000	ng	-0.01
86) Perylene-d12	24.687	264	314774	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	385007	164.777	ng	0.00
7) Phenol-d6	7.078	99	582830	166.811	ng	0.00
23) Nitrobenzene-d5	9.076	82	342493	108.628	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	342636	163.406	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	860485	105.184	ng	-0.01
79) Terphenyl-d14	19.910	244	1641265	116.082	ng	0.00
Target Compounds						
9) Benzaldehyde	7.084	77	894	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.076	70	42490	18.174	ng	# 75
51) 2,6-Dinitrotoluene	14.546	165	16048	7.811	ng	# 22
57) 2,4-Dinitrotoluene	14.546	165	16048	5.383	ng	# 20
63) Azobenzene	15.903	77	89265	8.950	ng	# 1
67) 4-Bromophenyl-phenylether	16.038	248	21739	6.592	ng	# 1
77) Benizidine	19.910	184	21708	3.590	ng	# 95

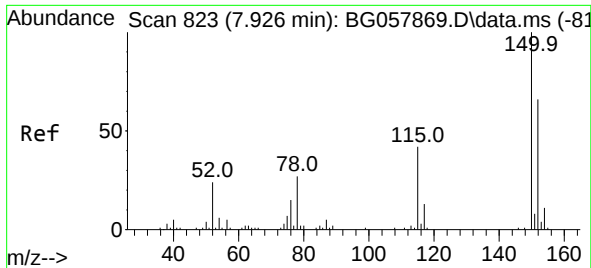
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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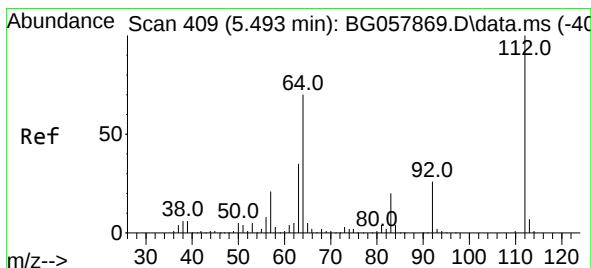
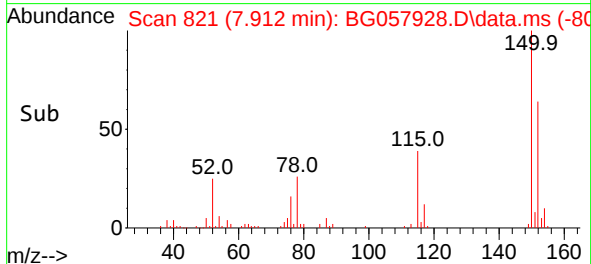
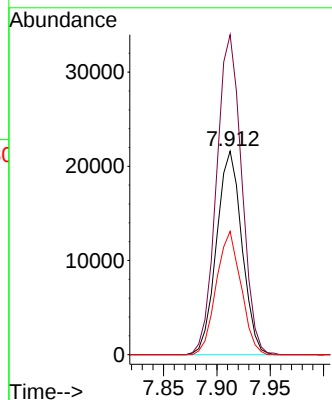
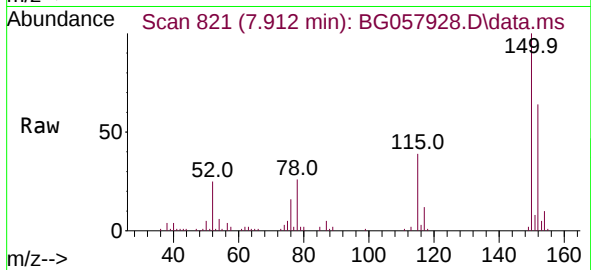




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

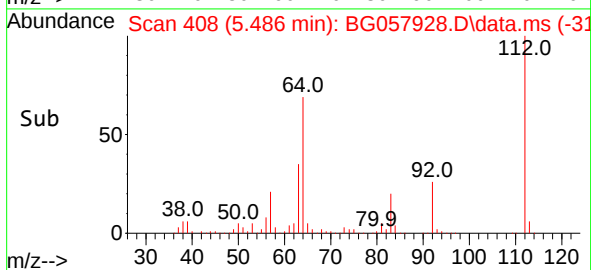
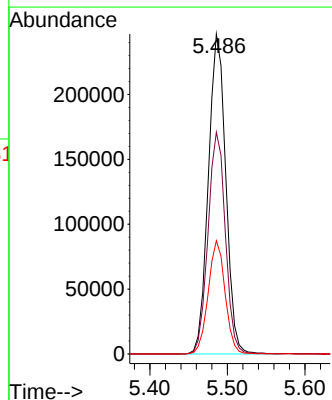
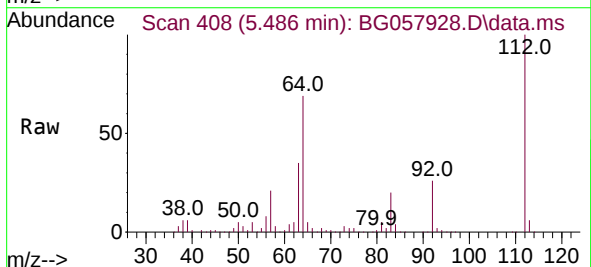
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

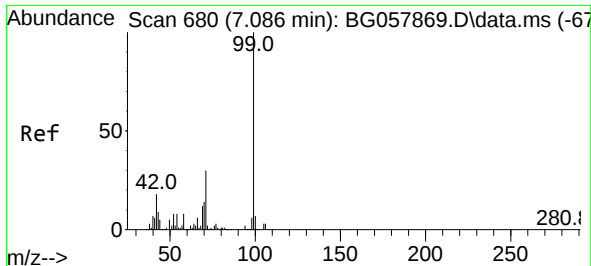
Tgt Ion:152 Resp: 35749
Ion Ratio Lower Upper
152 100
150 157.2 122.0 183.0
115 60.6 50.7 76.1



#5
2-Fluorophenol
Concen: 164.777 ng
RT: 5.486 min Scan# 408
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:112 Resp: 385007
Ion Ratio Lower Upper
112 100
64 69.3 55.8 83.6
63 35.4 27.9 41.9

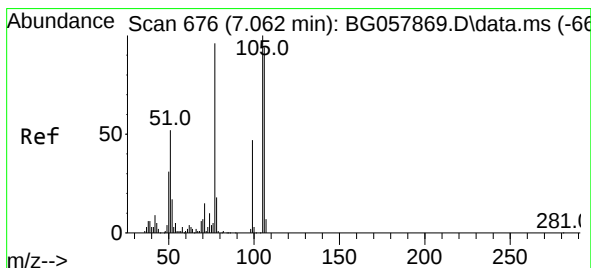
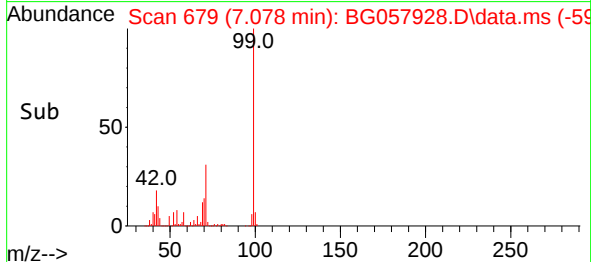
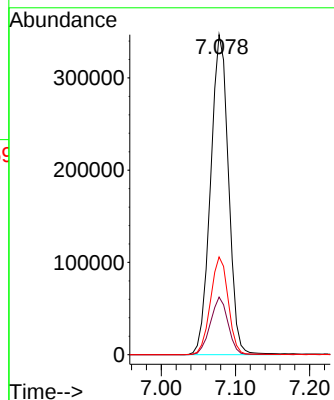
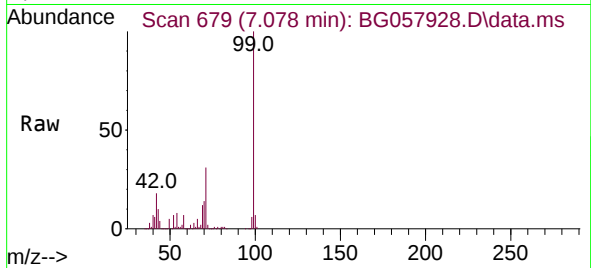




#7
Phenol-d6
Concen: 166.811 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

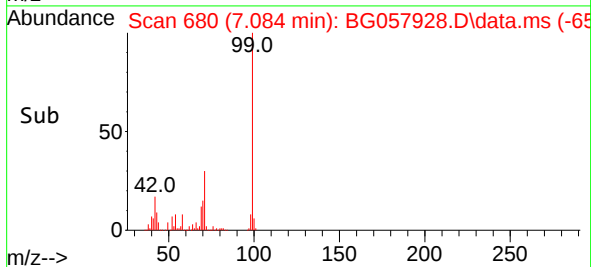
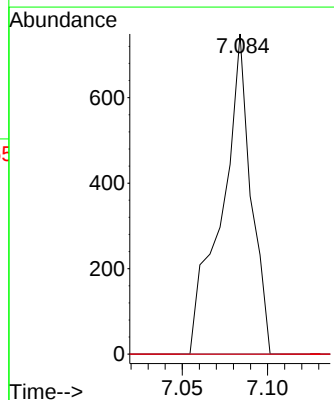
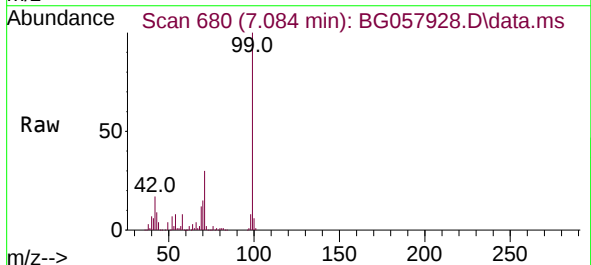
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

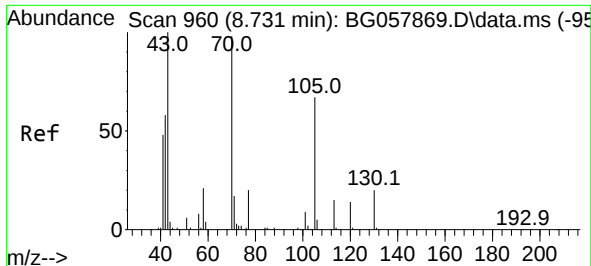
Tgt Ion: 99 Resp: 582830
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 30.6 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.084 min Scan# 680
Delta R.T. 0.022 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion: 77 Resp: 894
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

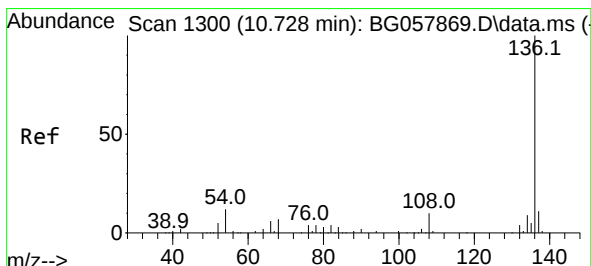
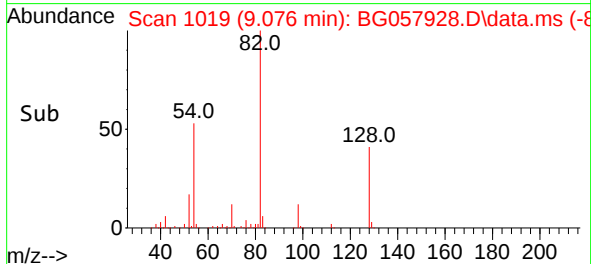
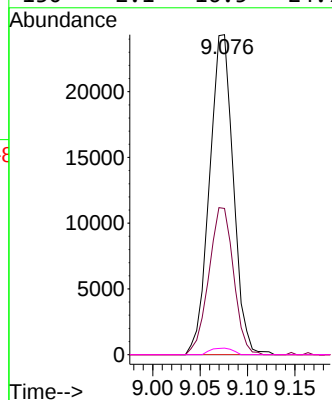
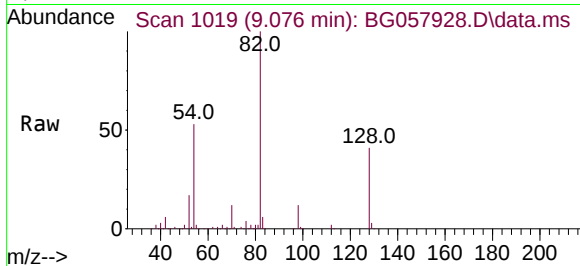




#19
n-Nitroso-di-n-propylamine
Concen: 18.174 ng
RT: 9.076 min Scan# 11
Delta R.T. 0.345 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

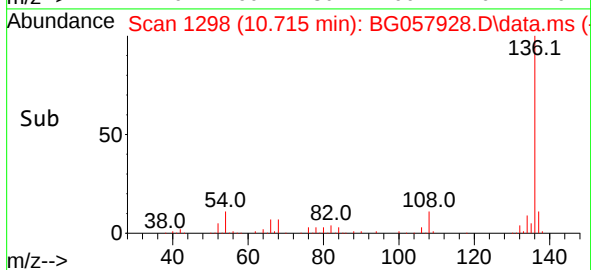
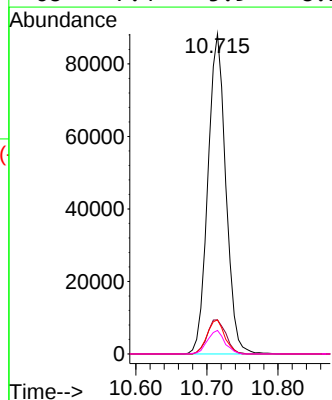
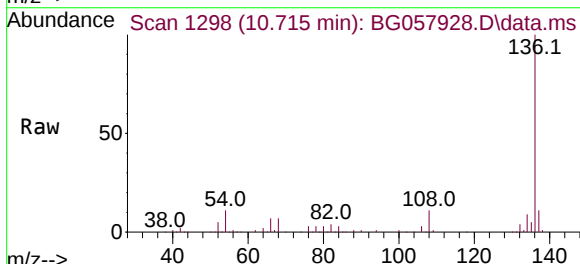
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

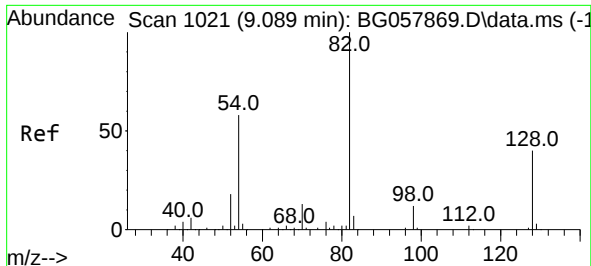
Tgt Ion: 70 Resp: 42490
Ion Ratio Lower Upper
70 100
42 45.7 48.4 72.6#
101 0.0 7.2 10.8#
130 2.1 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1298
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:136 Resp: 154516
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.7 9.3 13.9
68 7.4 5.9 8.9

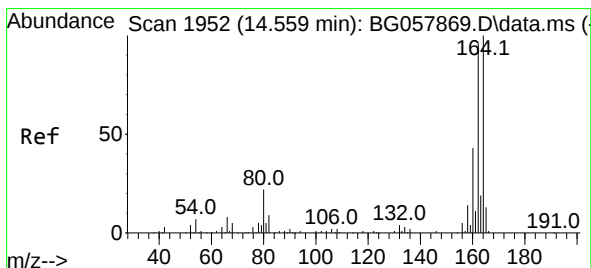
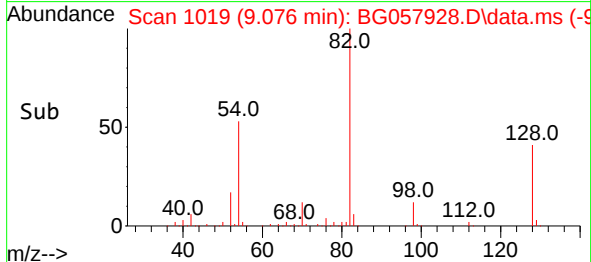
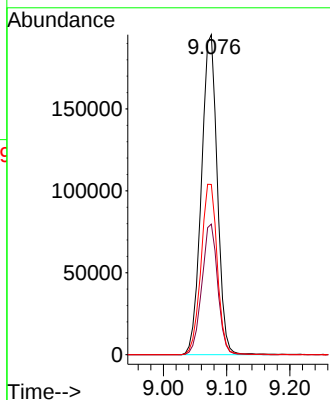
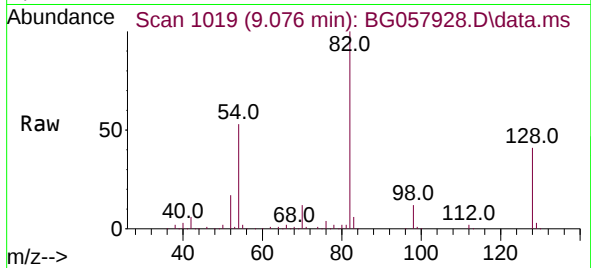




#23
 Nitrobenzene-d5
 Concen: 108.628 ng
 RT: 9.076 min Scan# 1019
 Delta R.T. -0.013 min
 Lab File: BG057928.D
 Acq: 30 Jun 2023 21:10

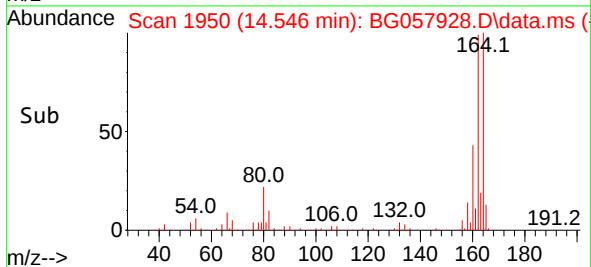
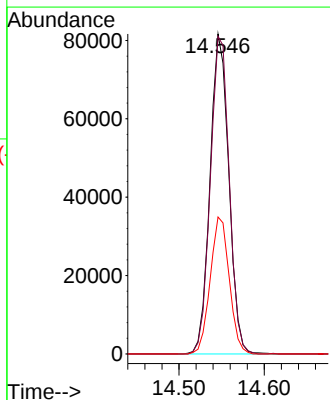
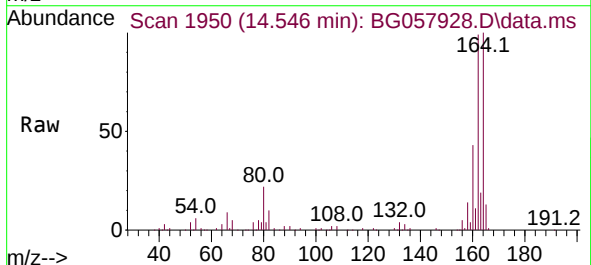
Instrument :
 BNA_G
 ClientSampleId :
 SB-1-(8-10)

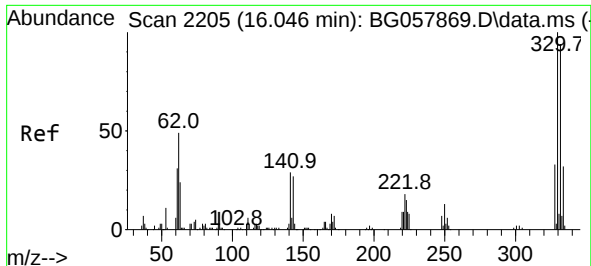
Tgt Ion: 82 Resp: 342493
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.2 48.4
 54 53.2 46.1 69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.546 min Scan# 1950
 Delta R.T. -0.013 min
 Lab File: BG057928.D
 Acq: 30 Jun 2023 21:10

Tgt Ion:164 Resp: 124842
 Ion Ratio Lower Upper
 164 100
 162 99.2 76.4 114.6
 160 42.8 34.2 51.2

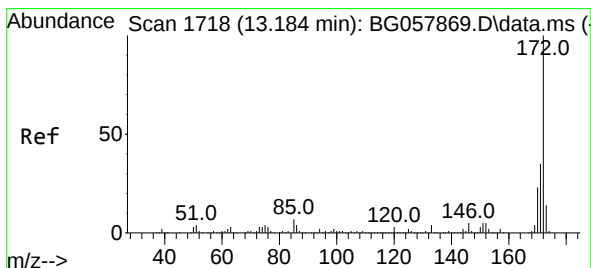
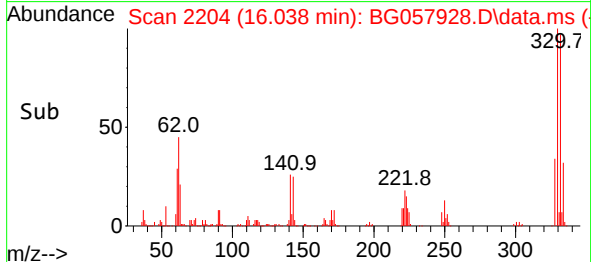
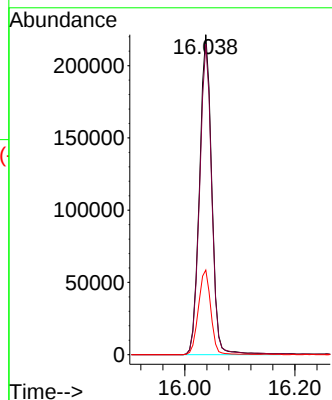
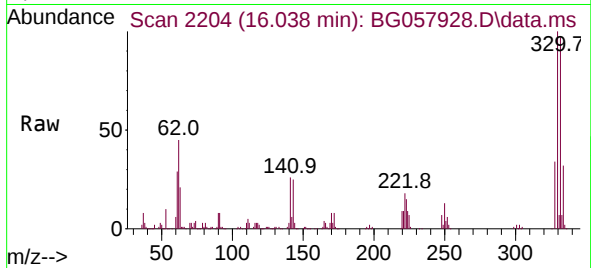




#42
2,4,6-Tribromophenol
Concen: 163.406 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

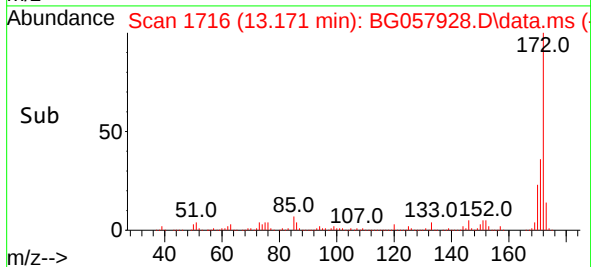
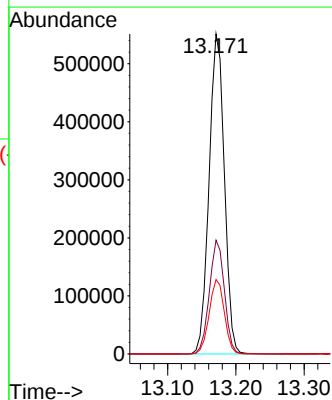
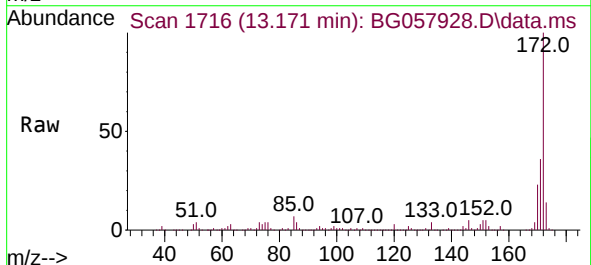
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

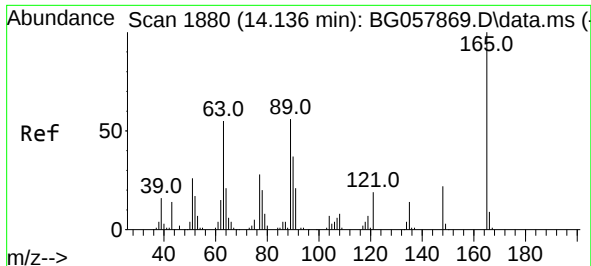
Tgt Ion:330 Resp: 342636
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 26.7 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 105.184 ng
RT: 13.171 min Scan# 1716
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:172 Resp: 860485
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.3 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 7.811 ng

RT: 14.546 min Scan# 1950

Delta R.T. 0.410 min

Lab File: BG057928.D

Acq: 30 Jun 2023 21:10

Instrument :

BNA_G

ClientSampleId :

SB-1-(8-10)

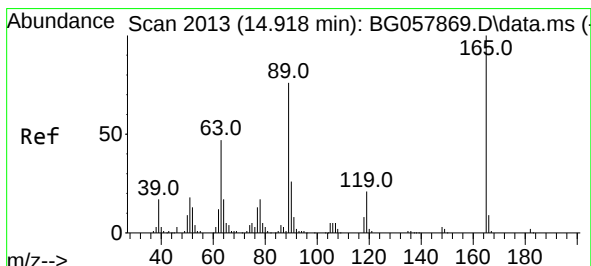
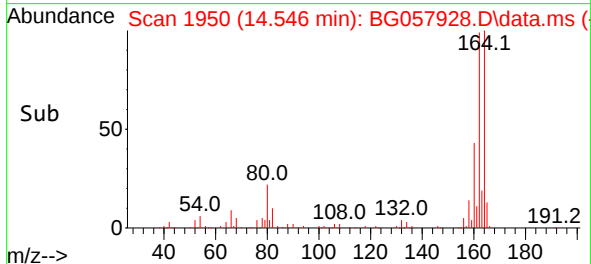
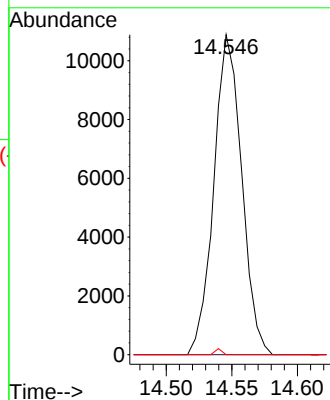
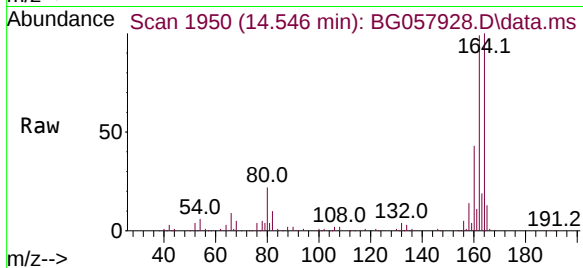
Tgt Ion:165 Resp: 16048

Ion Ratio Lower Upper

165 100

63 0.0 46.4 69.6#

89 0.0 45.0 67.6#



#57

2,4-Dinitrotoluene

Concen: 5.383 ng

RT: 14.546 min Scan# 1950

Delta R.T. -0.372 min

Lab File: BG057928.D

Acq: 30 Jun 2023 21:10

Tgt Ion:165 Resp: 16048

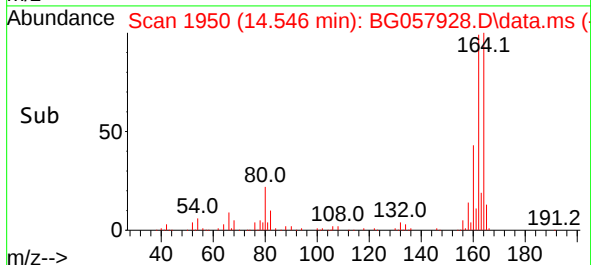
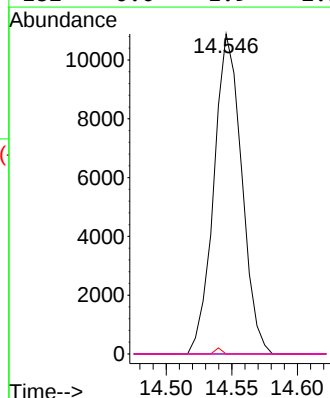
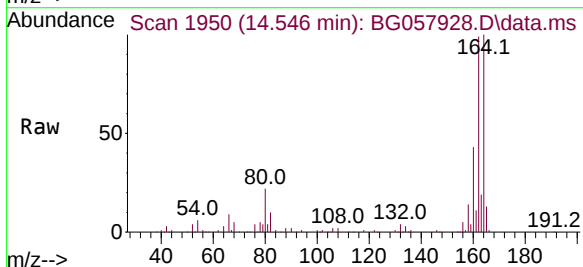
Ion Ratio Lower Upper

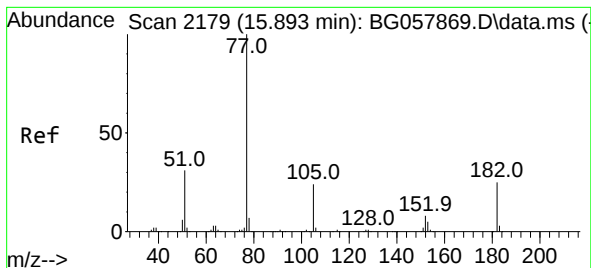
165 100

63 0.0 37.6 56.4#

89 0.0 61.0 91.4#

182 0.0 1.9 2.9#





#63

Azobenzene

Concen: 8.950 ng

RT: 15.903 min Scan# 21

Delta R.T. 0.010 min

Lab File: BG057928.D

Acq: 30 Jun 2023 21:10

Instrument :

BNA_G

ClientSampleId :

SB-1-(8-10)

Tgt Ion: 77 Resp: 89265

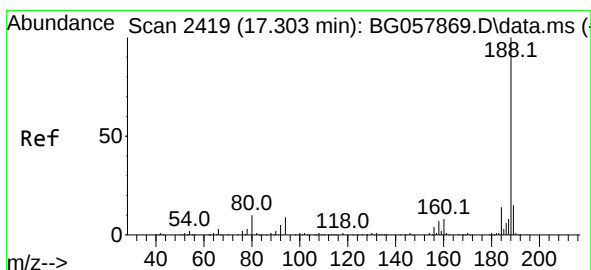
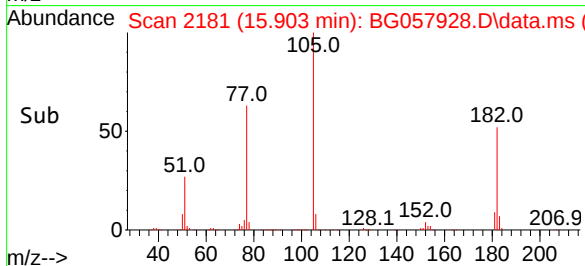
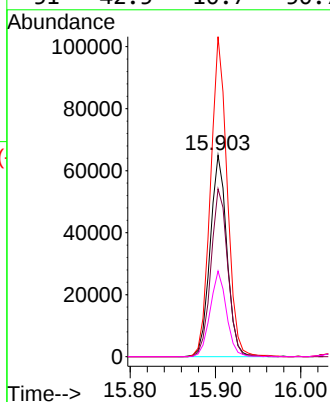
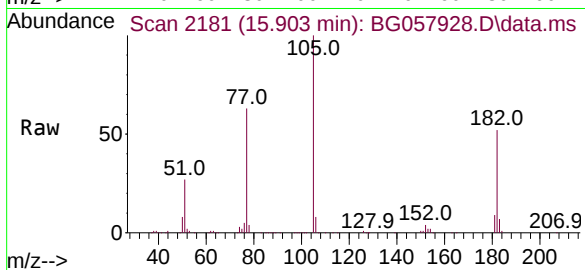
Ion Ratio Lower Upper

77 100

182 83.4 5.1 45.1#

105 158.9 3.9 43.9#

51 42.5 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: BG057928.D

Acq: 30 Jun 2023 21:10

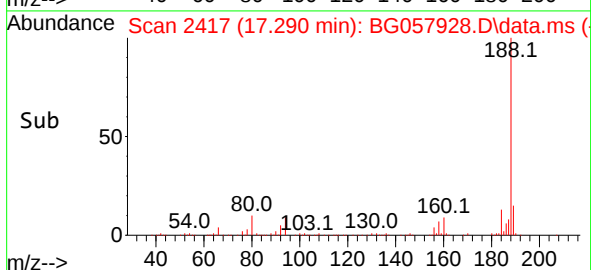
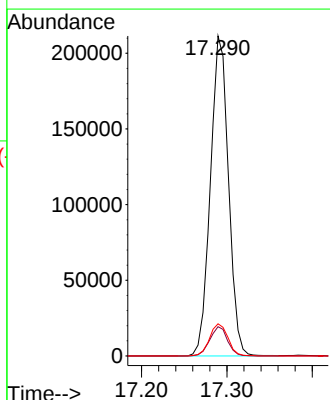
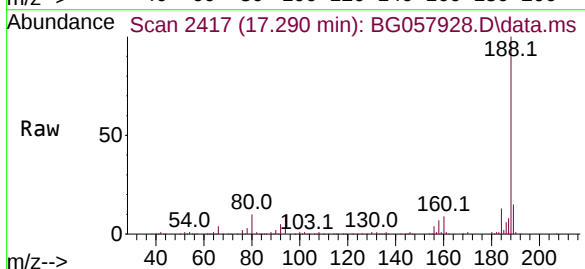
Tgt Ion:188 Resp: 312406

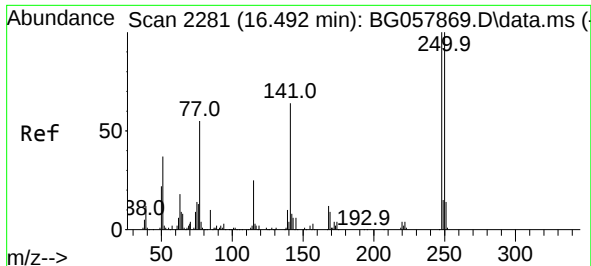
Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 10.1 8.4 12.6

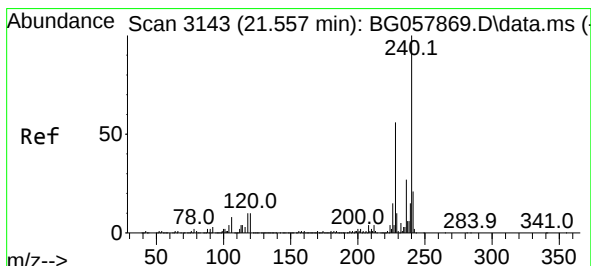
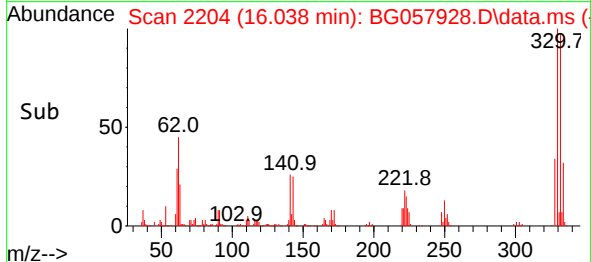
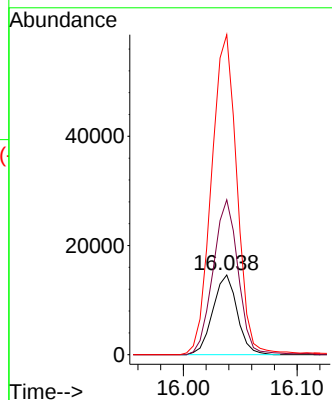
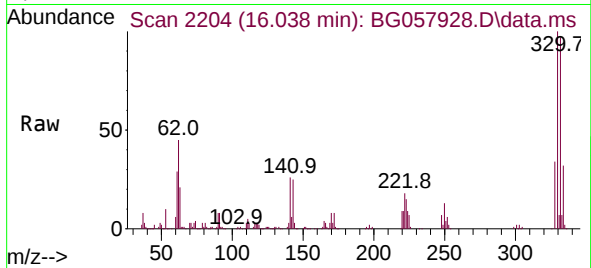




#67
4-Bromophenyl-phenylether
Concen: 6.592 ng
RT: 16.038 min Scan# 21739
Delta R.T. -0.454 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

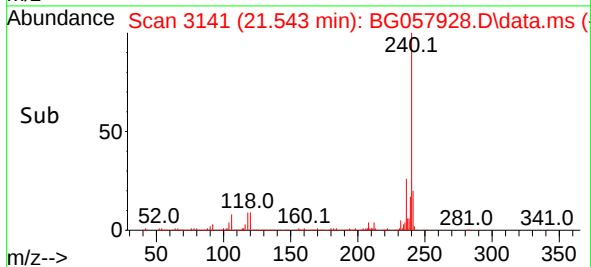
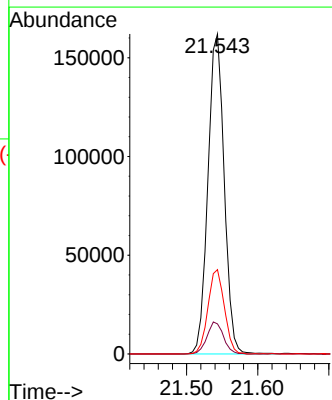
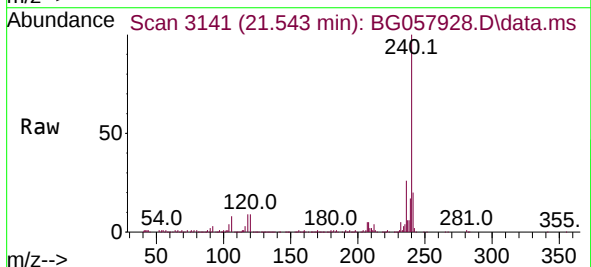
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

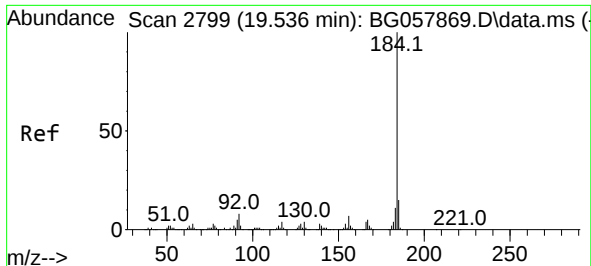
Tgt Ion:248 Resp: 21739
Ion Ratio Lower Upper
248 100
250 194.2 79.7 119.5#
141 401.3 50.8 76.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:240 Resp: 257764
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.3 21.9 32.9

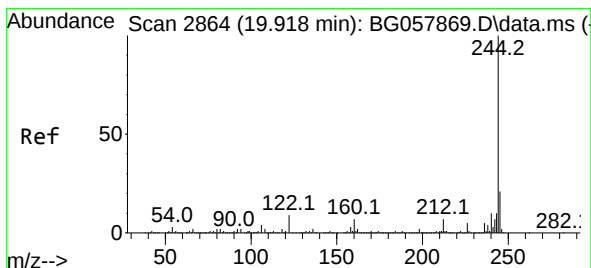
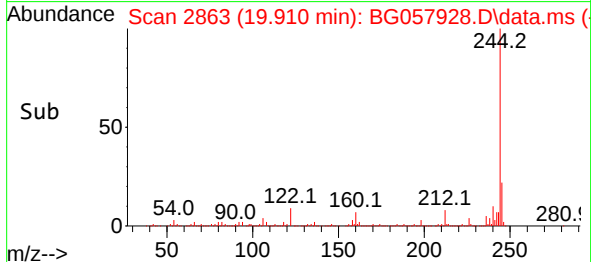
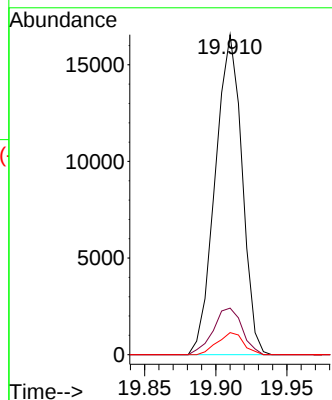
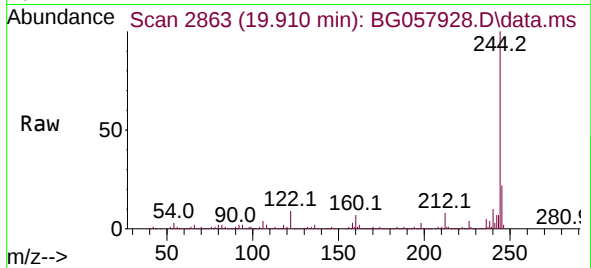




#77
Benzidine
Concen: 3.590 ng
RT: 19.910 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

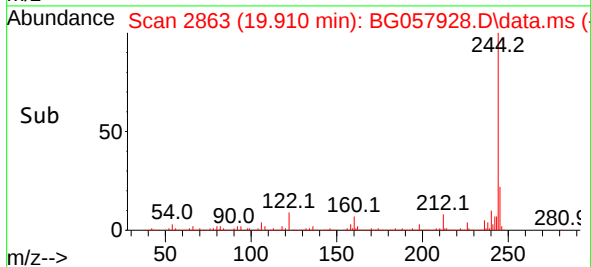
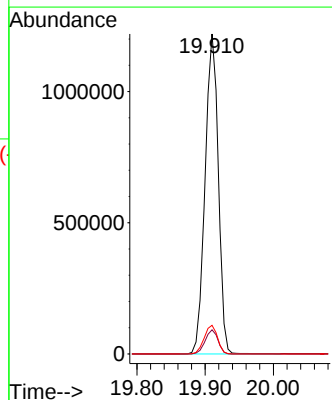
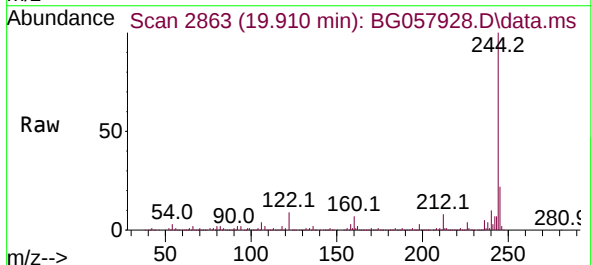
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

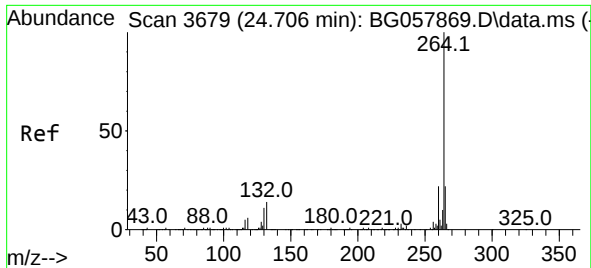
Tgt Ion:184 Resp: 21708
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 6.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 116.082 ng
RT: 19.910 min Scan# 2863
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:244 Resp: 1641265
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 9.0 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: BG057928.D
 Acq: 30 Jun 2023 21:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-(8-10)

Tgt Ion:264 Resp: 314774
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.8
 265 21.6 17.3 25.9

