

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060096.D
 Acq On : 19 Dec 2023 22:11
 Operator : MA/JU
 Sample : 05759-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-121323

Quant Time: Dec 20 00:47:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

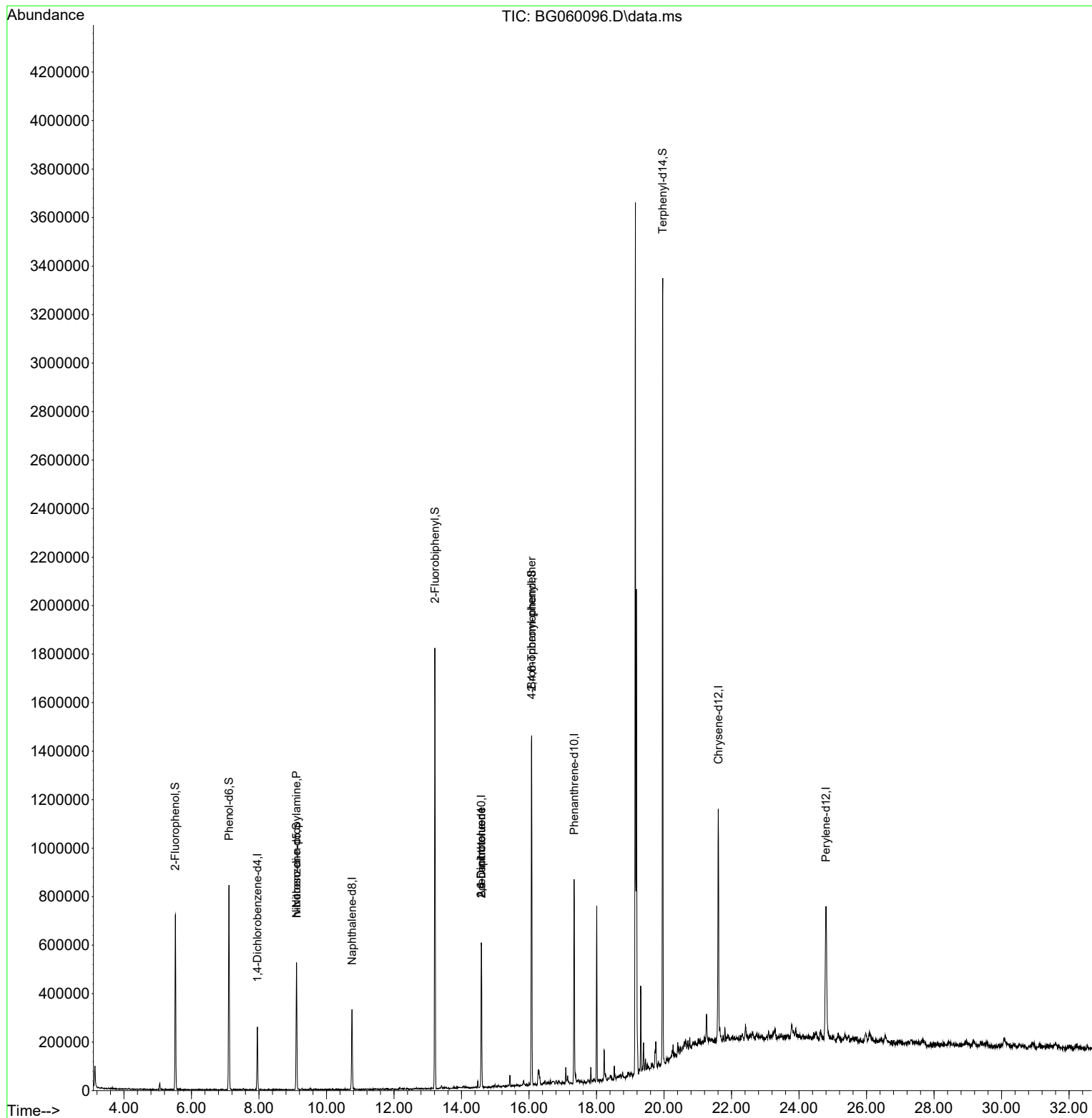
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	65973	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	245391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.587	164	211244	20.000	ng	-0.01
64) Phenanthrene-d10	17.336	188	565086	20.000	ng	#-0.01
76) Chrysene-d12	21.608	240	620402	20.000	ng	#-0.01
86) Perylene-d12	24.798	264	731355	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	242995	63.052	ng	0.00
7) Phenol-d6	7.113	99	383128	70.673	ng	0.00
23) Nitrobenzene-d5	9.111	82	274012	50.704	ng	-0.01
42) 2,4,6-Tribromophenol	16.079	330	363920	73.923	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	950337	55.060	ng	0.00
79) Terphenyl-d14	19.963	244	1847437	54.366	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.111	70	42843	12.249	ng	# 76
51) 2,6-Dinitrotoluene	14.587	165	29424	8.663	ng	# 23
57) 2,4-Dinitrotoluene	14.587	165	29424	6.162	ng	# 27
67) 4-Bromophenyl-phenylether	16.073	248	22248	2.790	ng	# 1
69) Atrazine	16.643	200	125	Below Cal		86

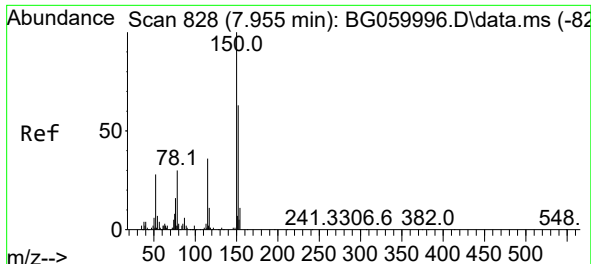
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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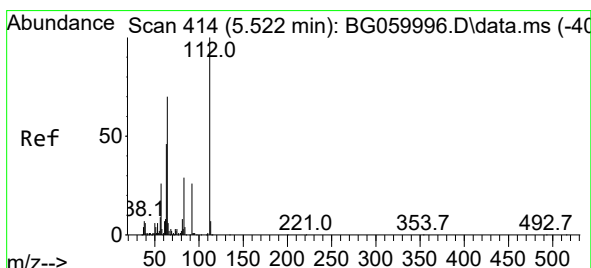
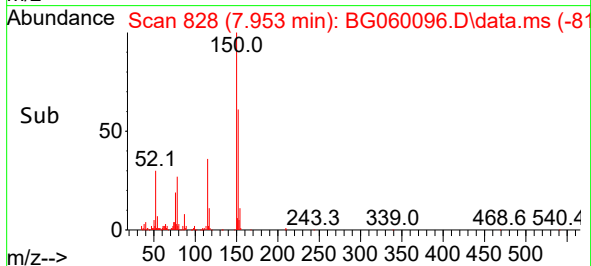
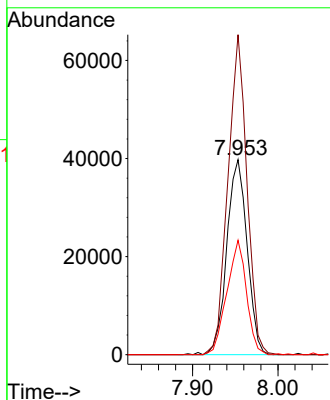
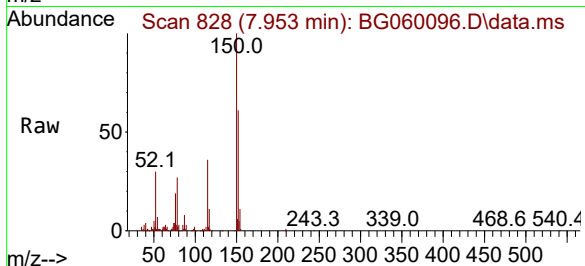




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG060096.D
 Acq: 19 Dec 2023 22:11

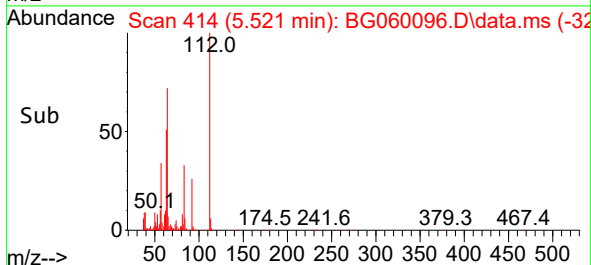
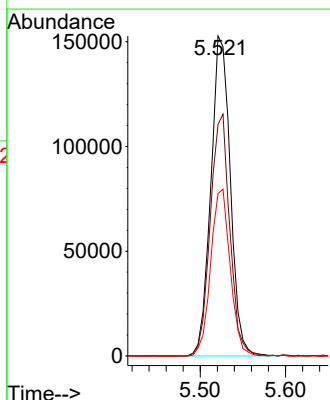
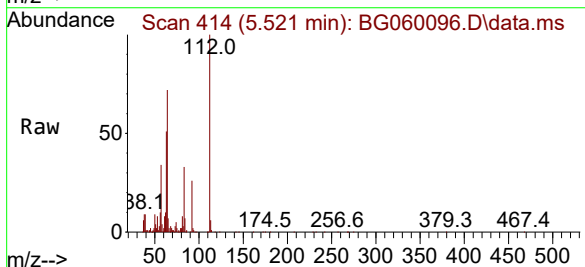
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-121323

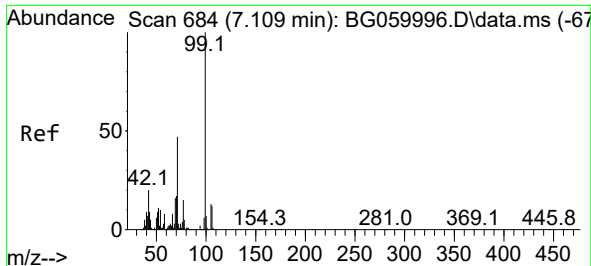
Tgt Ion:152 Resp: 65973
 Ion Ratio Lower Upper
 152 100
 150 164.1 127.0 190.6
 115 58.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 63.052 ng
 RT: 5.521 min Scan# 414
 Delta R.T. -0.005 min
 Lab File: BG060096.D
 Acq: 19 Dec 2023 22:11

Tgt Ion:112 Resp: 242995
 Ion Ratio Lower Upper
 112 100
 64 72.4 55.9 83.9
 63 50.8 36.5 54.7

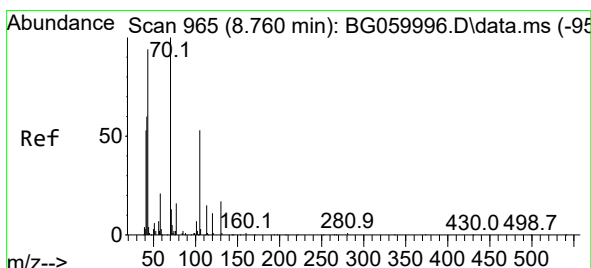
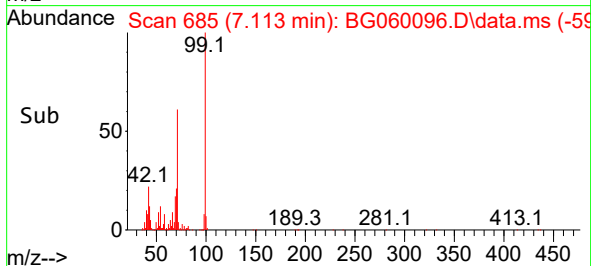
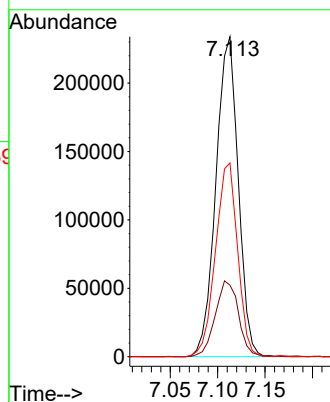
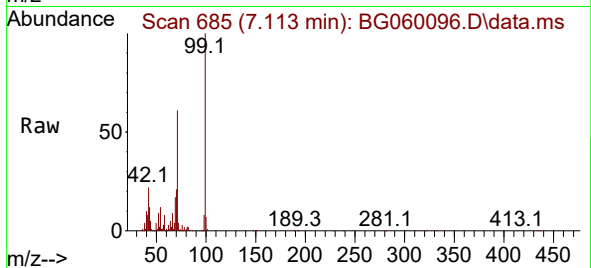




#7
Phenol-d6
Concen: 70.673 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

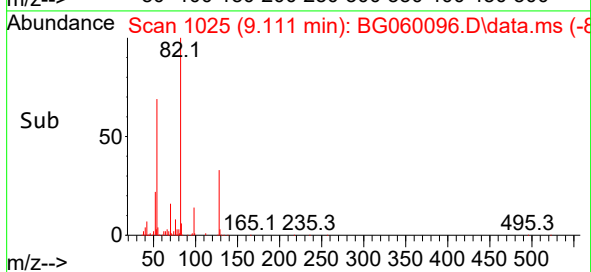
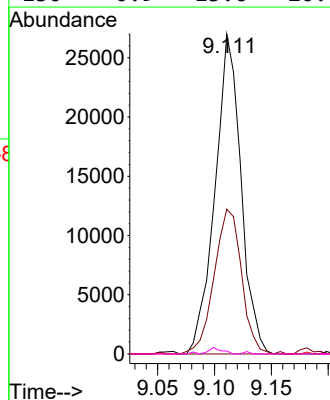
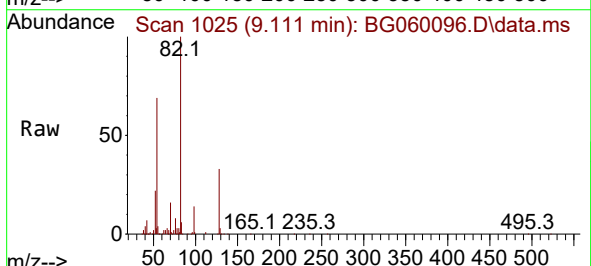
Instrument :
BNA_G
ClientSampleId :
AU-06-121323

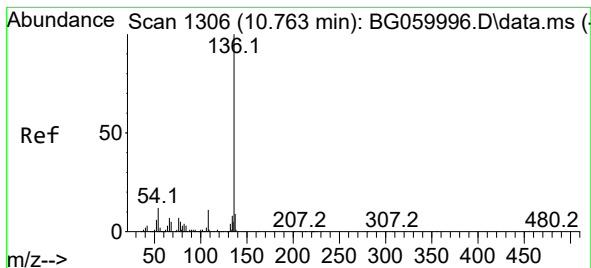
Tgt Ion: 99 Resp: 383128
Ion Ratio Lower Upper
99 100
42 22.4 16.2 24.4
71 60.6 37.6 56.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.249 ng
RT: 9.111 min Scan# 1025
Delta R.T. 0.347 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

Tgt Ion: 70 Resp: 42843
Ion Ratio Lower Upper
70 100
42 45.3 48.6 73.0#
101 0.0 5.7 8.5#
130 0.9 13.6 20.4#

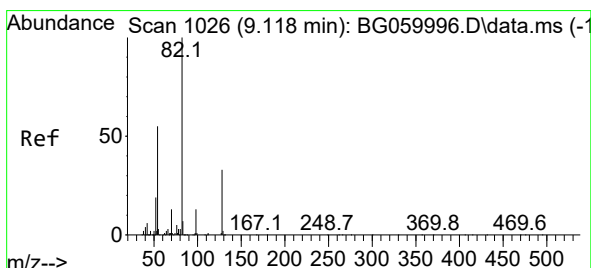
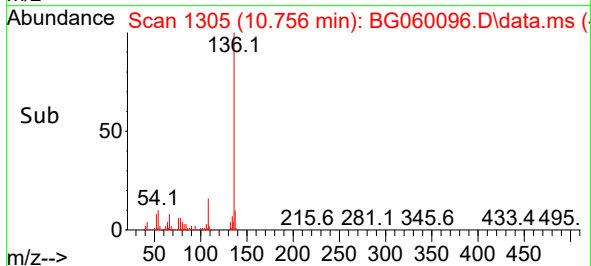
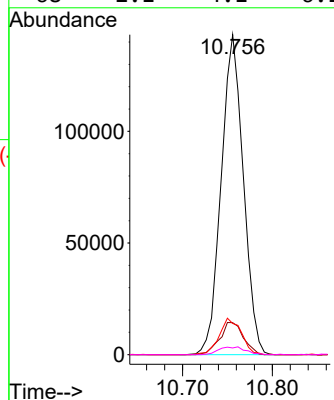
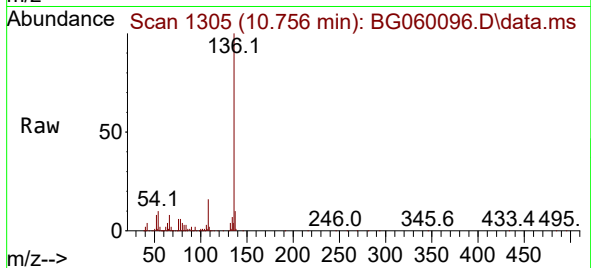




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

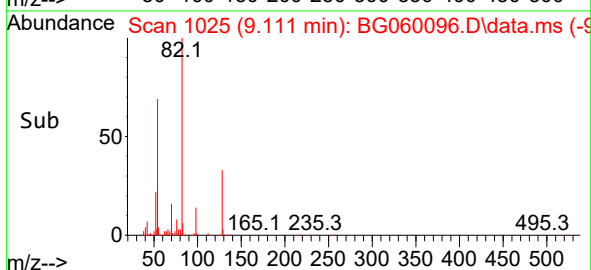
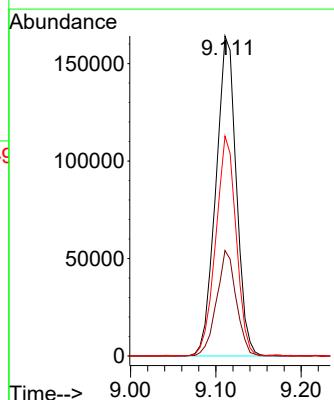
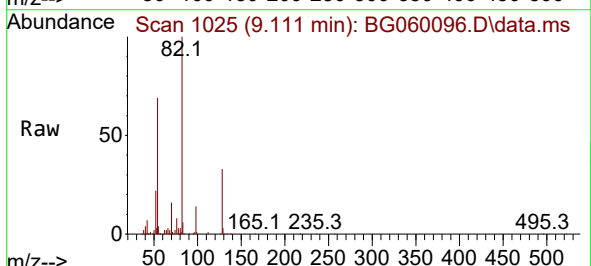
Instrument :
BNA_G
ClientSampleId :
AU-06-121323

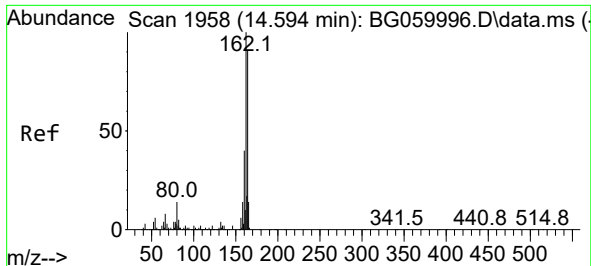
Tgt Ion:136 Resp: 245391
Ion Ratio Lower Upper
136 100
137 10.0 7.3 10.9
54 9.7 9.6 14.4
68 2.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 50.704 ng
RT: 9.111 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

Tgt Ion: 82 Resp: 274012
Ion Ratio Lower Upper
82 100
128 32.9 26.3 39.5
54 68.7 44.3 66.5#

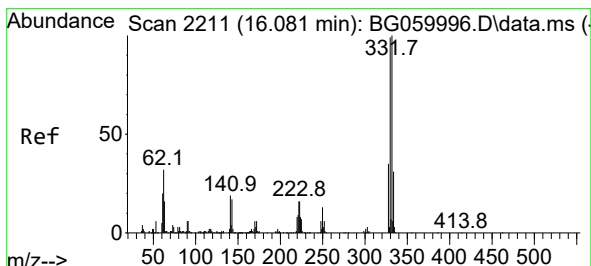
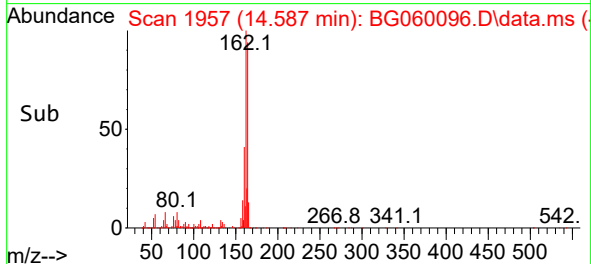
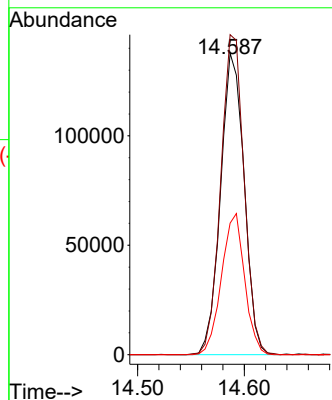
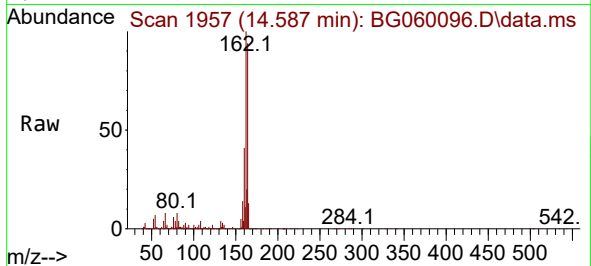




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.011 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

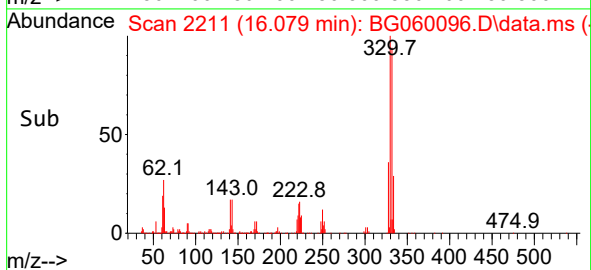
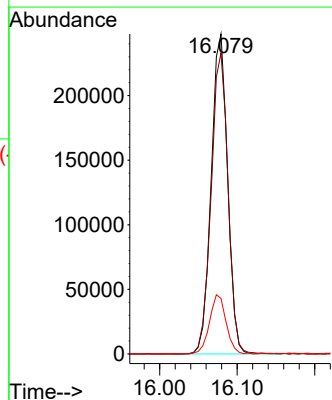
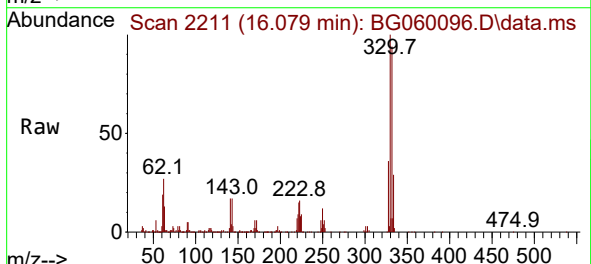
Instrument :
BNA_G
ClientSampleId :
AU-06-121323

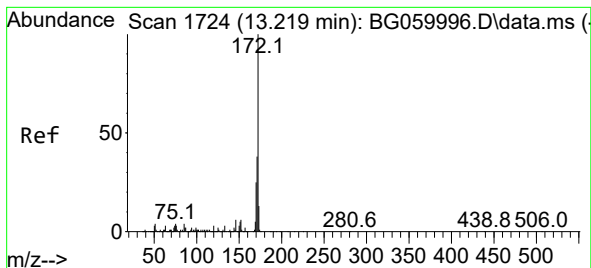
Tgt Ion:164 Resp: 211244
Ion Ratio Lower Upper
164 100
162 106.1 88.1 132.1
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 73.923 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

Tgt Ion:330 Resp: 363920
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 18.7 14.3 21.5





#45

2-Fluorobiphenyl

Concen: 55.060 ng

RT: 13.212 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG060096.D

Acq: 19 Dec 2023 22:11

Instrument :

BNA_G

ClientSampleId :

AU-06-121323

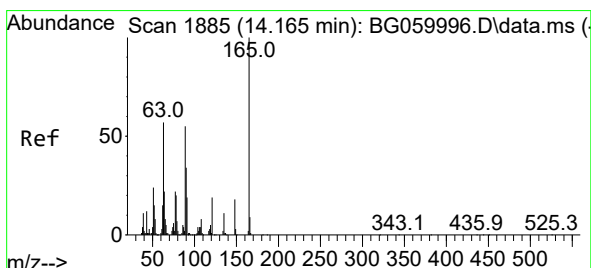
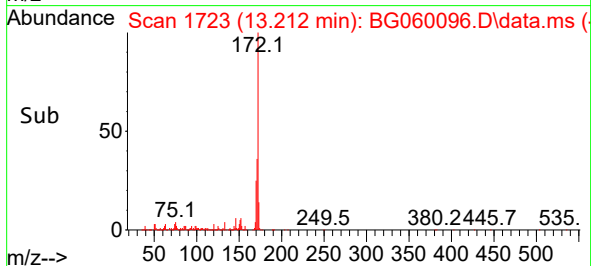
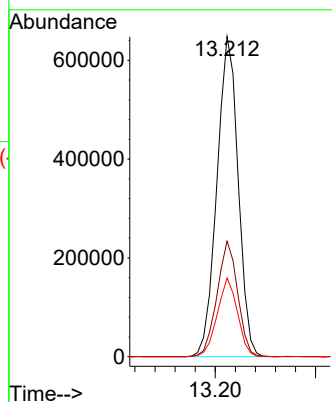
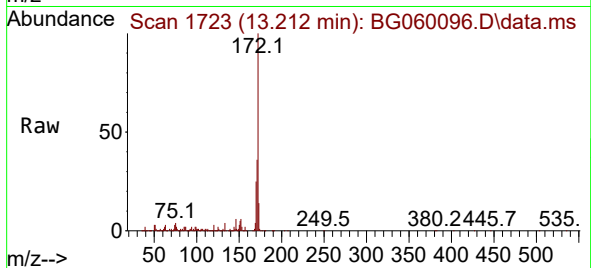
Tgt Ion:172 Resp: 950337

Ion Ratio Lower Upper

172 100

171 36.1 30.1 45.1

170 24.6 20.0 30.0



#51

2,6-Dinitrotoluene

Concen: 8.663 ng

RT: 14.587 min Scan# 1957

Delta R.T. 0.418 min

Lab File: BG060096.D

Acq: 19 Dec 2023 22:11

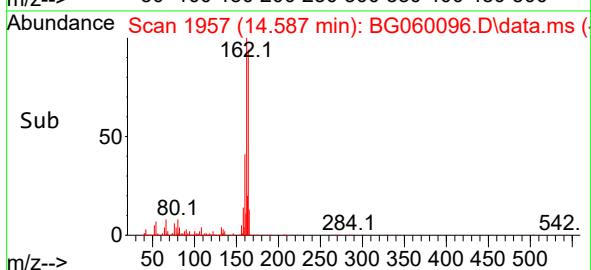
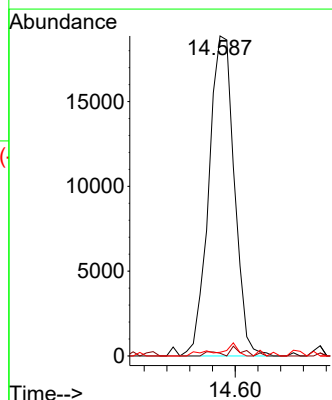
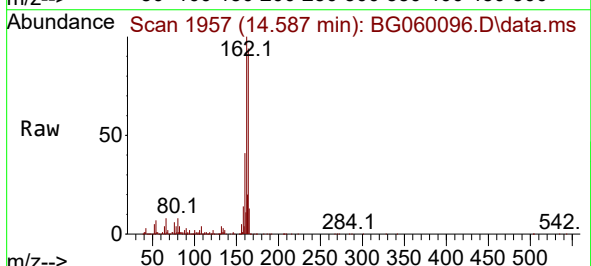
Tgt Ion:165 Resp: 29424

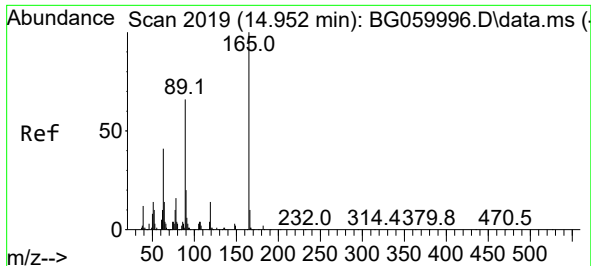
Ion Ratio Lower Upper

165 100

63 0.8 48.2 72.2#

89 1.1 44.4 66.6#

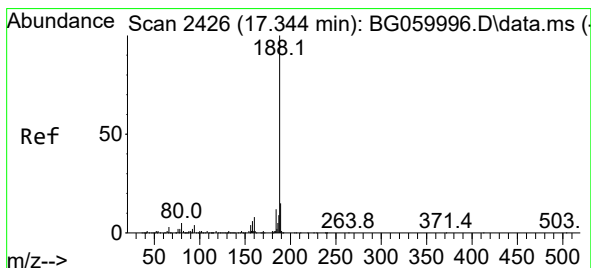
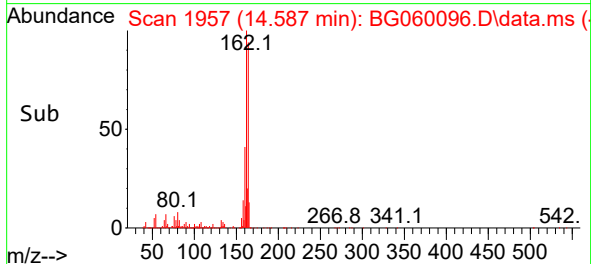
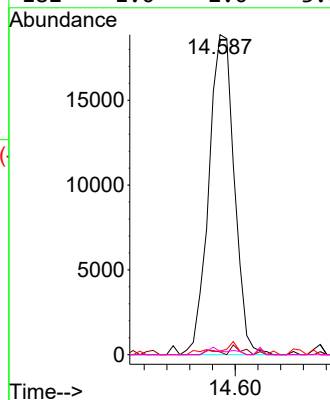
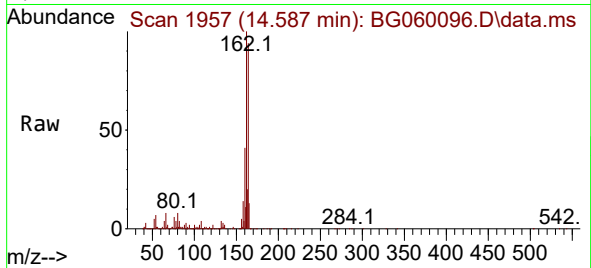




#57
2,4-Dinitrotoluene
Concen: 6.162 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.364 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

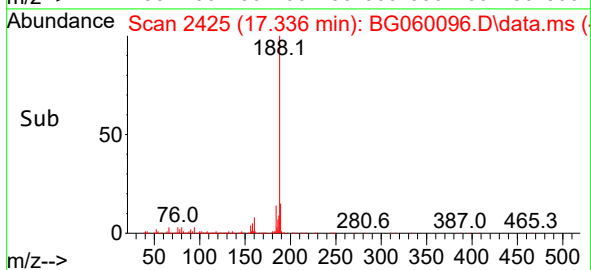
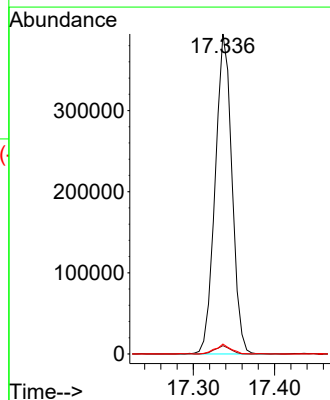
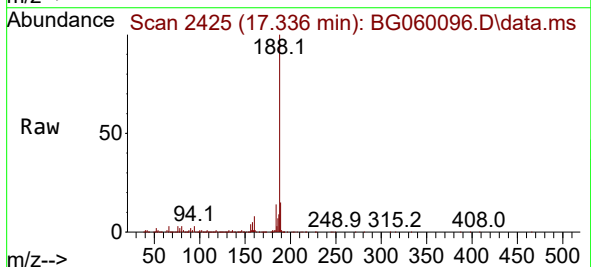
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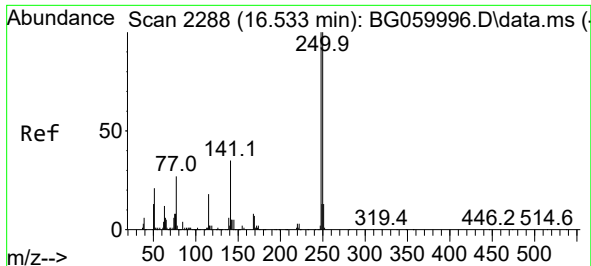
Tgt Ion:165 Resp: 29424
Ion Ratio Lower Upper
165 100
63 0.8 32.8 49.2#
89 1.1 53.0 79.6#
182 1.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.011 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

Tgt Ion:188 Resp: 565086
Ion Ratio Lower Upper
188 100
94 2.6 3.0 4.6#
80 3.1 4.0 6.0#

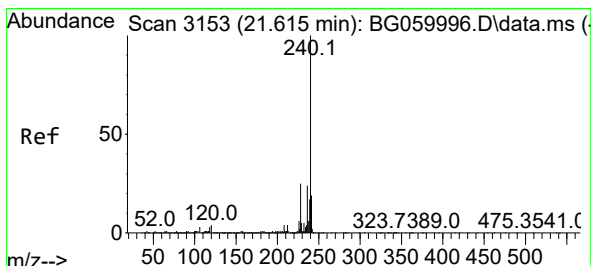
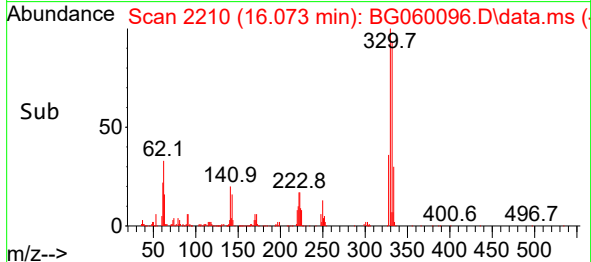
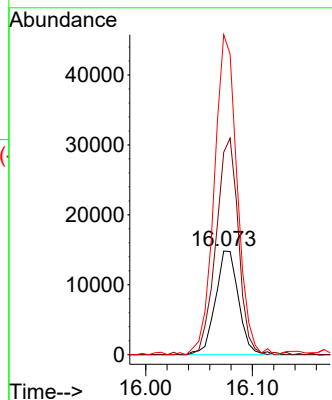
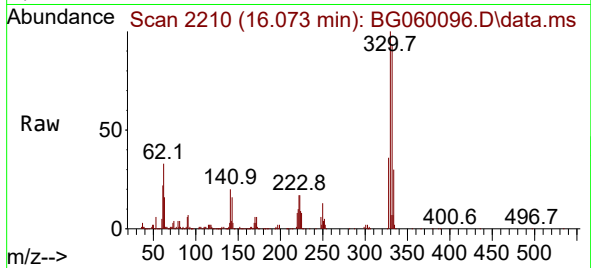




#67
4-Bromophenyl-phenylether
Concen: 2.790 ng
RT: 16.073 min Scan# 2110
Delta R.T. -0.464 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

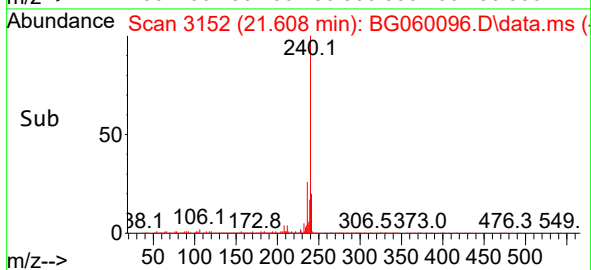
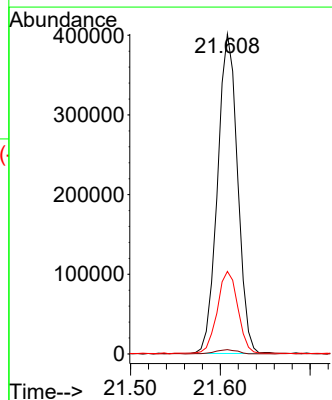
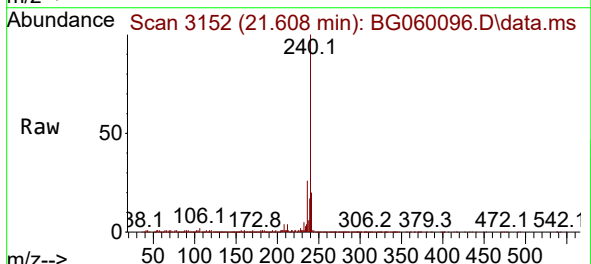
Instrument :
BNA_G
ClientSampleId :
AU-06-121323

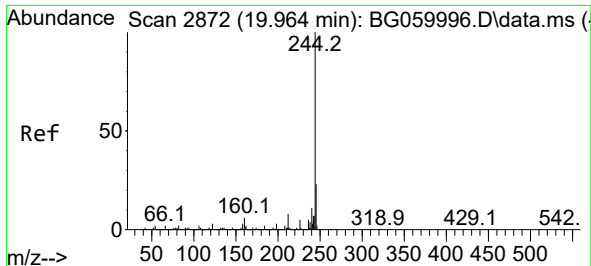
Tgt Ion:248 Resp: 22248
Ion Ratio Lower Upper
248 100
250 150.9 79.9 119.9#
141 238.4 28.3 42.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.011 min
Lab File: BG060096.D
Acq: 19 Dec 2023 22:11

Tgt Ion:240 Resp: 620402
Ion Ratio Lower Upper
240 100
120 1.3 2.9 4.3#
236 25.8 19.4 29.2

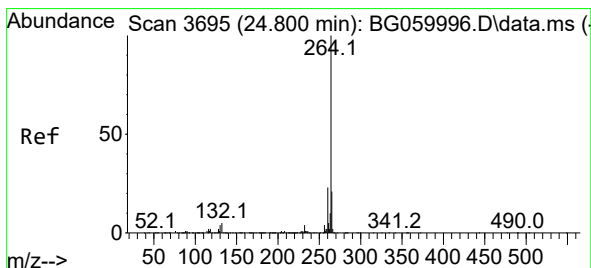
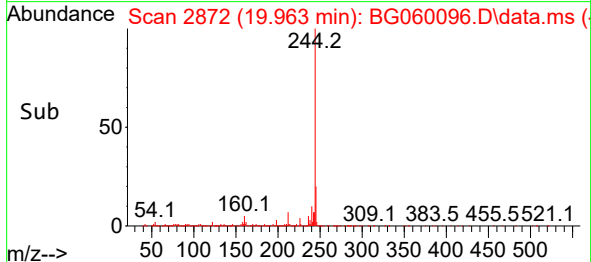
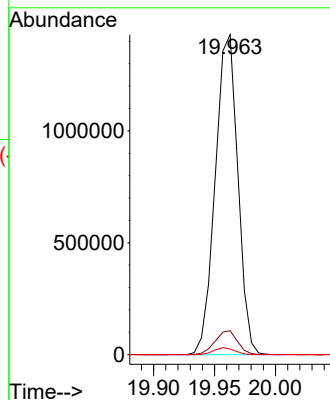
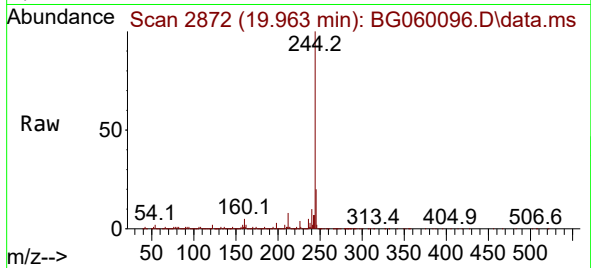




#79
 Terphenyl-d14
 Concen: 54.366 ng
 RT: 19.963 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060096.D
 Acq: 19 Dec 2023 22:11

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-121323

Tgt Ion:244 Resp: 1847437
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.8 10.2
 122 1.8 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3695
 Delta R.T. -0.017 min
 Lab File: BG060096.D
 Acq: 19 Dec 2023 22:11

Tgt Ion:264 Resp: 731355
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 21.4 17.3 25.9

