

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060230.D
 Acq On : 3 Jan 2024 16:58
 Operator : MA/JU
 Sample : 05898-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-15-0-2

Quant Time: Jan 04 00:39:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

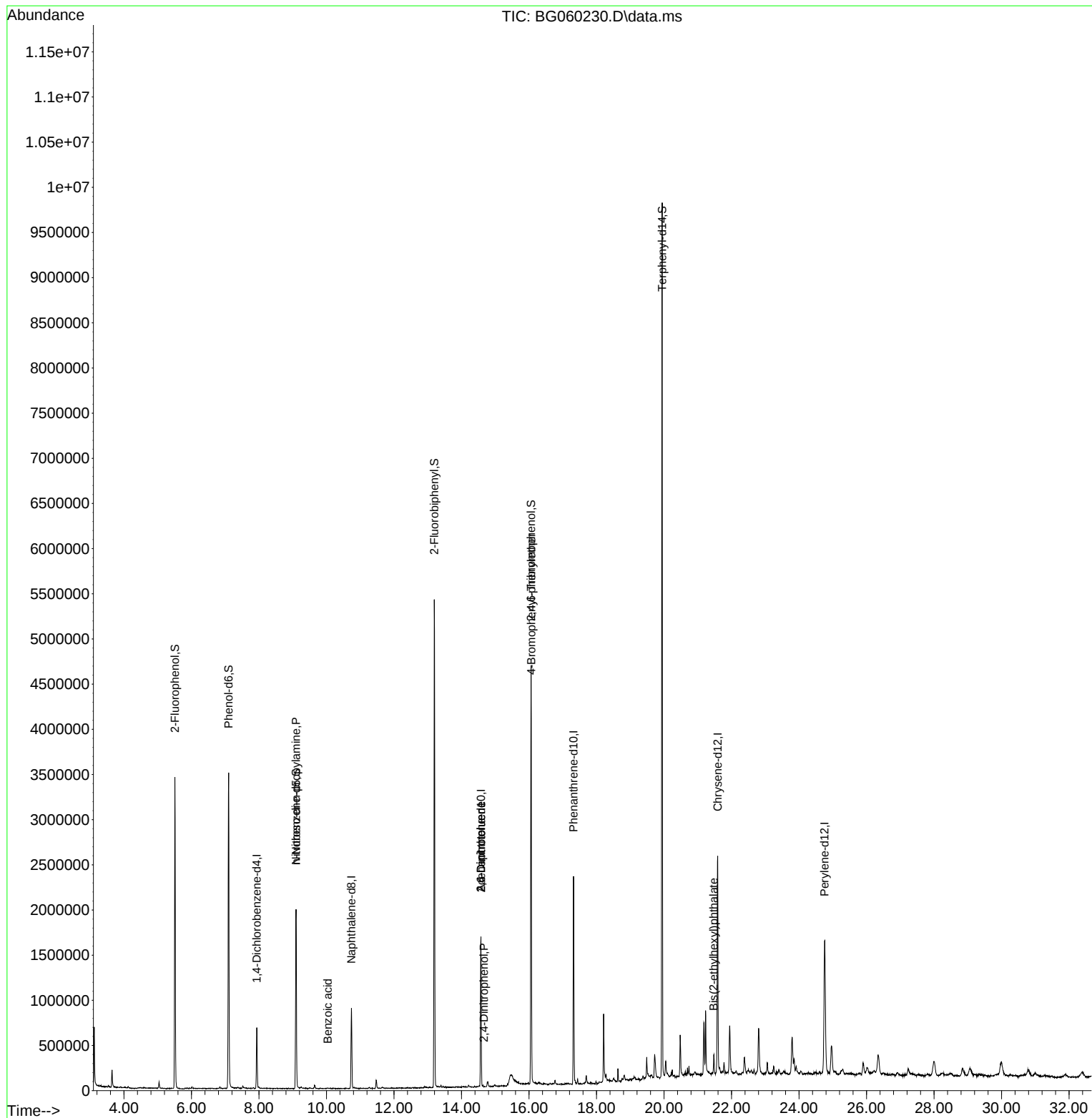
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	203061	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	789649	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	593565	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1518514	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1421361	20.000	ng	0.00
86) Perylene-d12	24.756	264	1657832	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1547583	115.031	ng	0.00
7) Phenol-d6	7.100	99	2291589	114.720	ng	0.00
23) Nitrobenzene-d5	9.098	82	1328374	77.702	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	971361	122.253	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	2964314	71.776	ng	0.00
79) Terphenyl-d14	19.944	244	4640585	62.767	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	165272	12.111	ng	# 89
32) Benzoic acid	10.038	122	386	10.310	ng	# 58
51) 2,6-Dinitrotoluene	14.574	165	78228	8.207	ng	# 30
54) 2,4-Dinitrophenol	14.662	184	69	8.247	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	78228	6.035	ng	# 27
67) 4-Bromophenyl-phenylether	16.066	248	58525	3.635	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.471	149	104584	2.448	ng	# 88

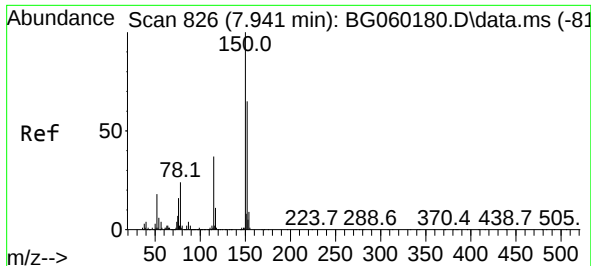
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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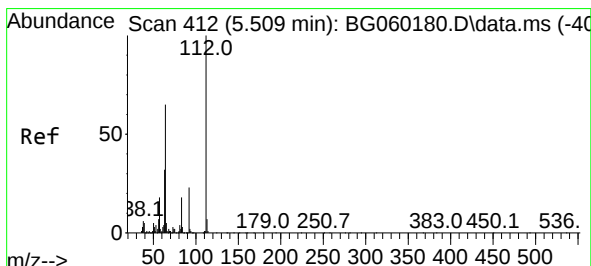
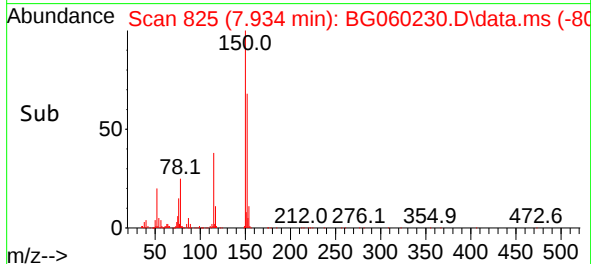
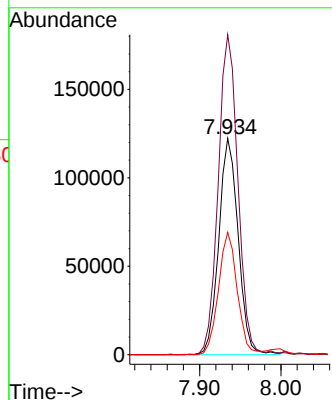
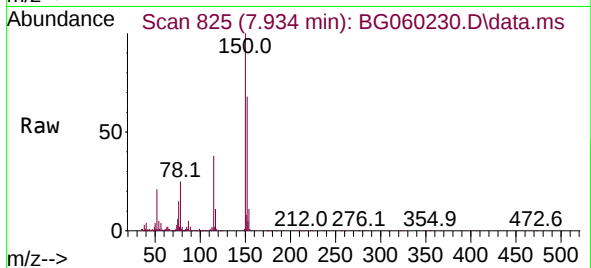




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

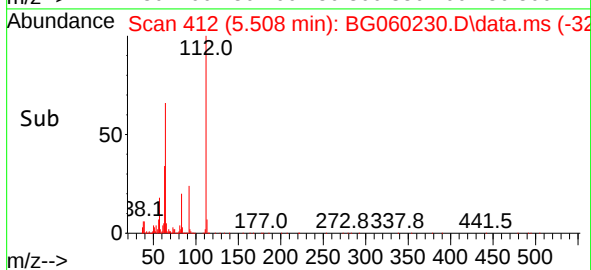
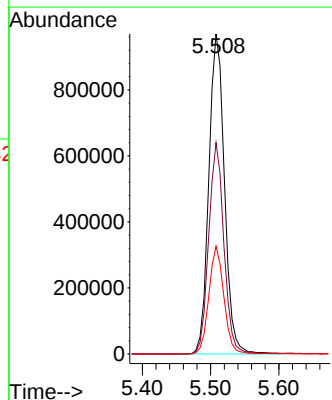
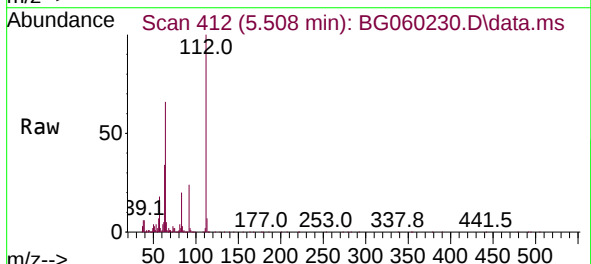
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2

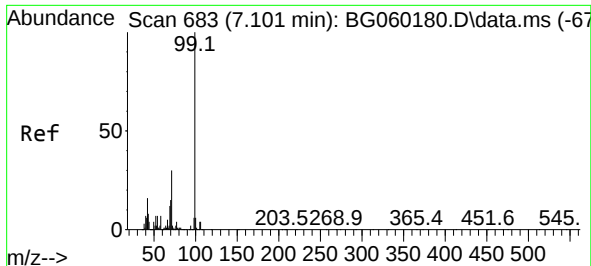
Tgt Ion:152 Resp: 203061
Ion Ratio Lower Upper
152 100
150 148.0 123.4 185.0
115 56.6 45.4 68.0



#5
2-Fluorophenol
Concen: 115.031 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

Tgt Ion:112 Resp: 1547583
Ion Ratio Lower Upper
112 100
64 66.0 52.2 78.4
63 33.6 25.4 38.0

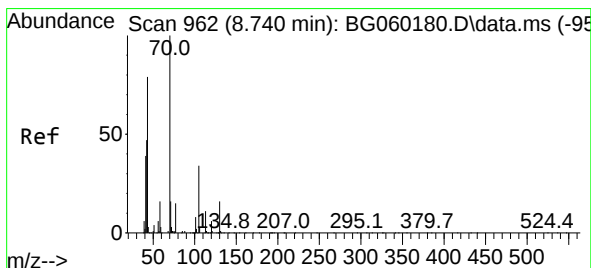
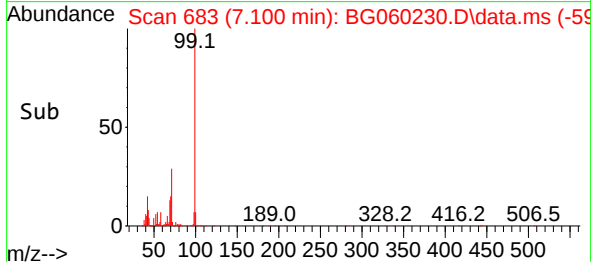
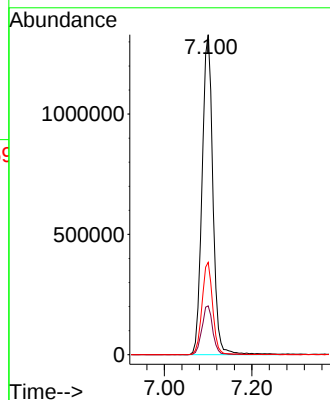
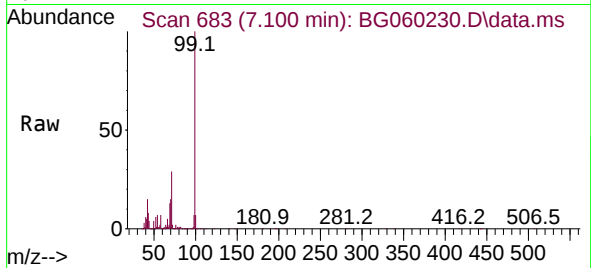




#7
Phenol-d6
Concen: 114.720 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

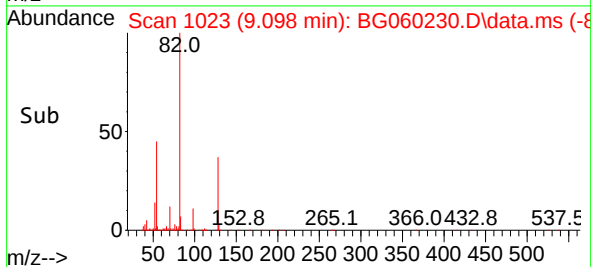
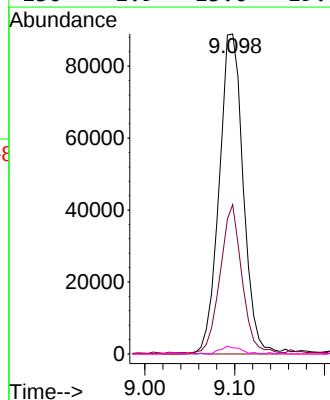
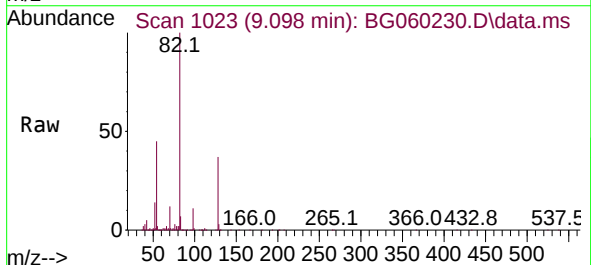
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2

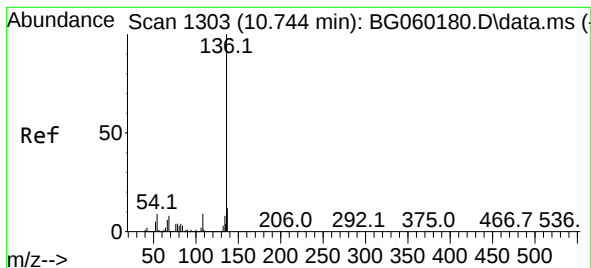
Tgt Ion: 99 Resp: 2291589
Ion Ratio Lower Upper
99 100
42 15.3 12.5 18.7
71 28.9 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.111 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

Tgt Ion: 70 Resp: 165272
Ion Ratio Lower Upper
70 100
42 46.7 37.9 56.9
101 0.0 6.2 9.2#
130 1.9 13.0 19.4#

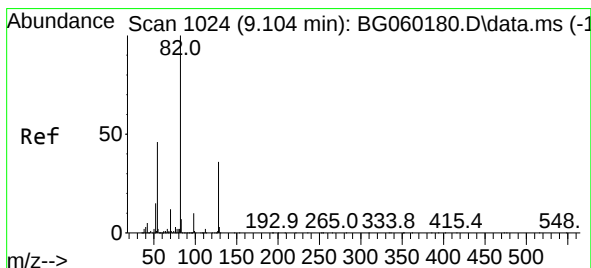
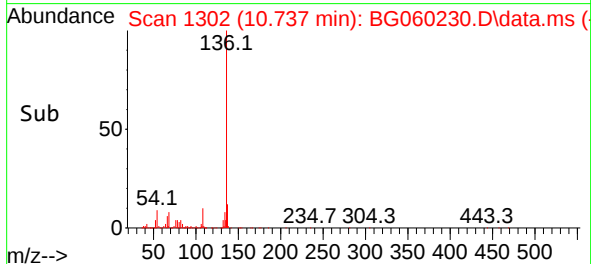
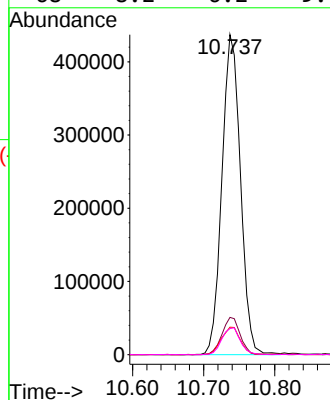
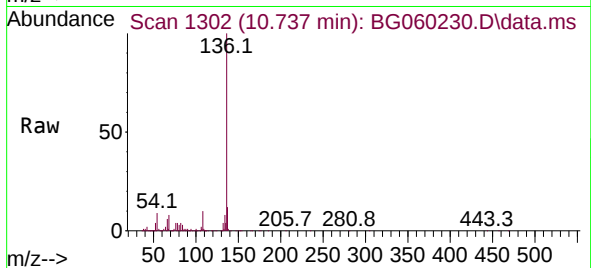




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

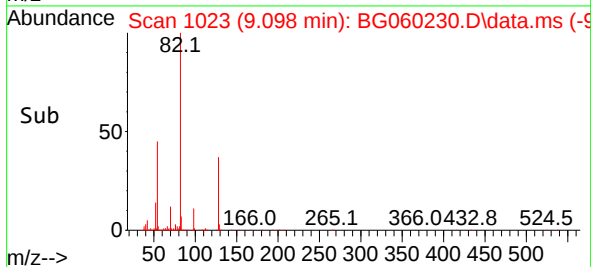
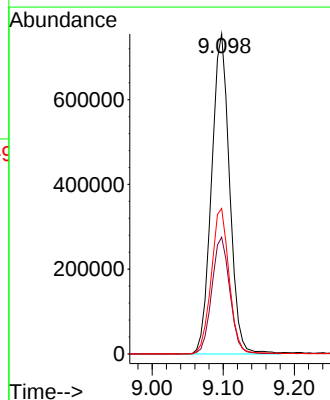
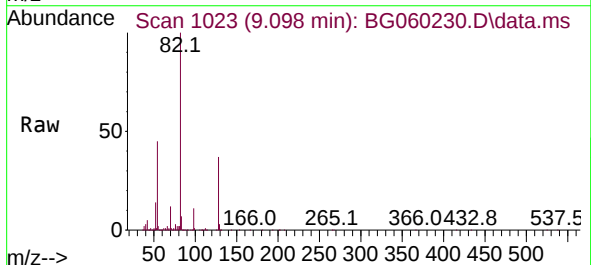
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2

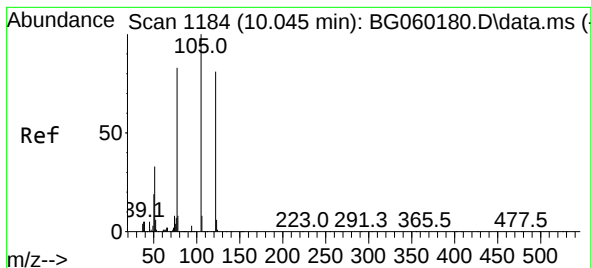
Tgt Ion:136 Resp: 789649
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 8.6 7.4 11.2
68 8.2 6.2 9.4



#23
Nitrobenzene-d5
Concen: 77.702 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

Tgt Ion: 82 Resp: 1328374
Ion Ratio Lower Upper
82 100
128 36.5 28.7 43.1
54 45.5 36.9 55.3





#32

Benzoic acid

Concen: 10.310 ng

RT: 10.038 min Scan# 1184

Delta R.T. -0.007 min

Lab File: BG060230.D

Acq: 3 Jan 2024 16:58

Instrument :

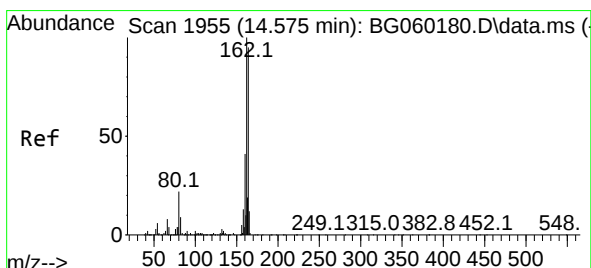
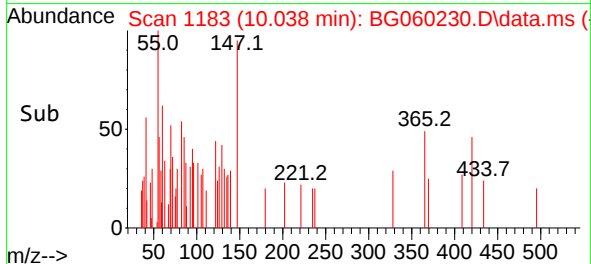
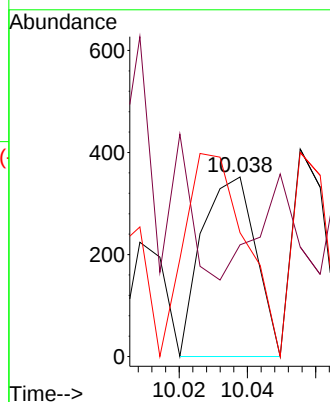
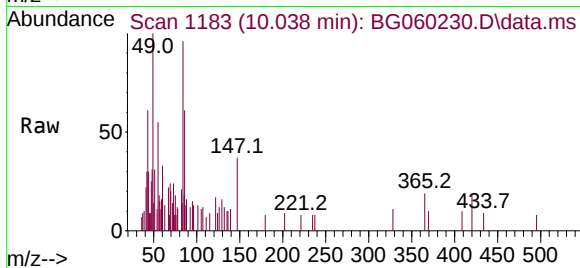
BNA_G

ClientSampleId :

GHL-SS-15-0-2

Tgt Ion:122 Resp: 386

Ion	Ratio	Lower	Upper
122	100		
105	62.2	99.2	139.2#
77	69.0	81.0	121.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1955

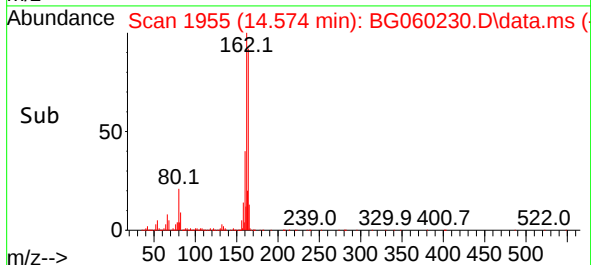
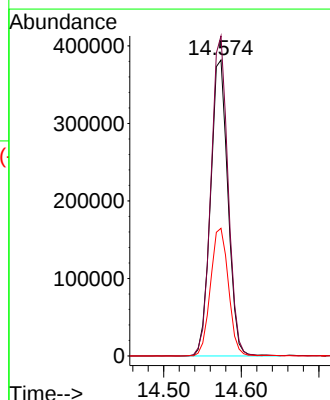
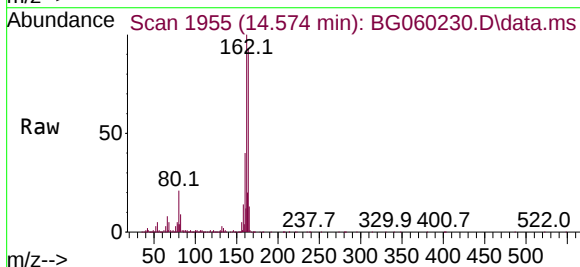
Delta R.T. -0.001 min

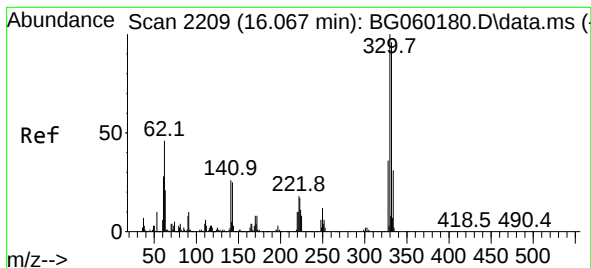
Lab File: BG060230.D

Acq: 3 Jan 2024 16:58

Tgt Ion:164 Resp: 593565

Ion	Ratio	Lower	Upper
164	100		
162	108.1	83.9	125.9
160	43.1	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 122.253 ng

RT: 16.060 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060230.D

Acq: 3 Jan 2024 16:58

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2

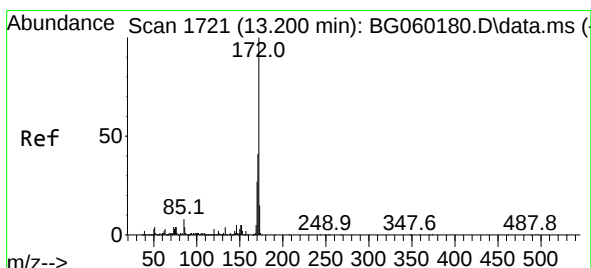
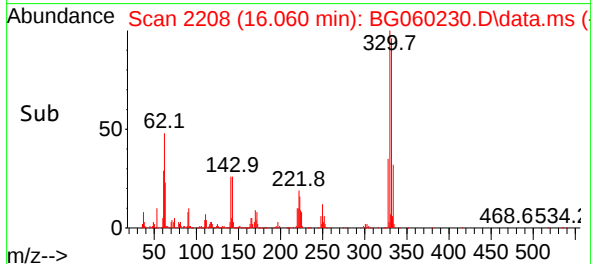
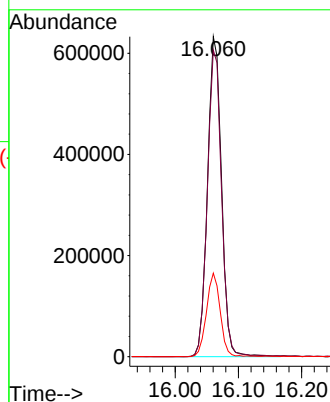
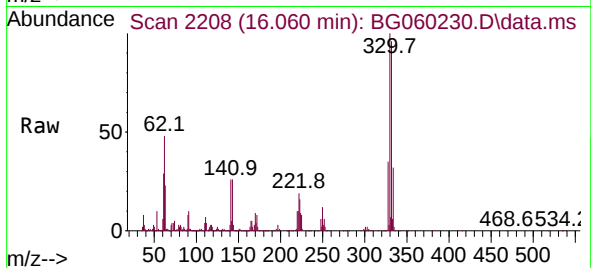
Tgt Ion:330 Resp: 971361

Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

141 25.7 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 71.776 ng

RT: 13.193 min Scan# 1720

Delta R.T. -0.007 min

Lab File: BG060230.D

Acq: 3 Jan 2024 16:58

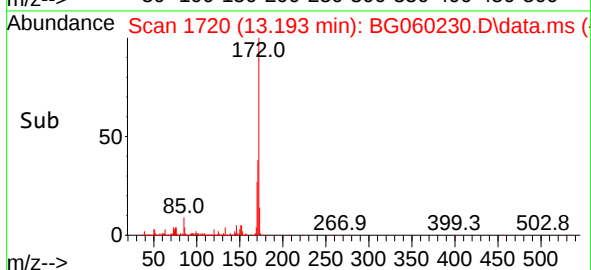
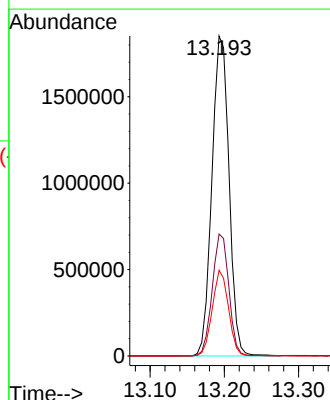
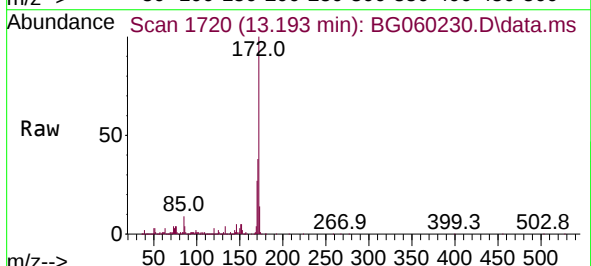
Tgt Ion:172 Resp: 2964314

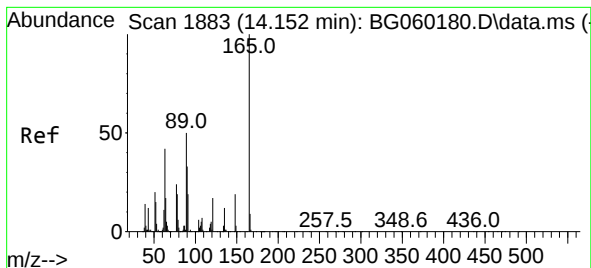
Ion Ratio Lower Upper

172 100

171 38.1 32.6 48.8

170 26.7 21.8 32.6

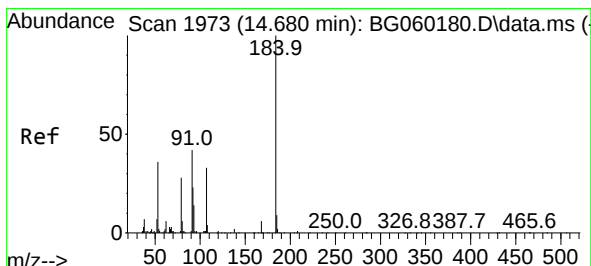
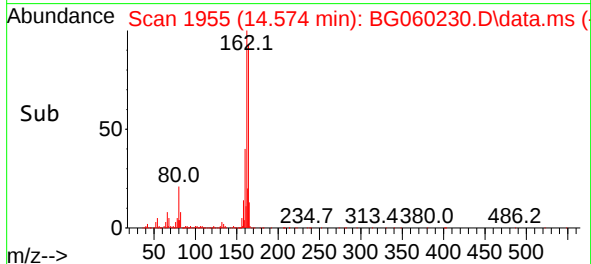
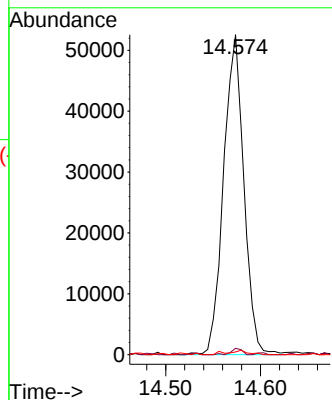
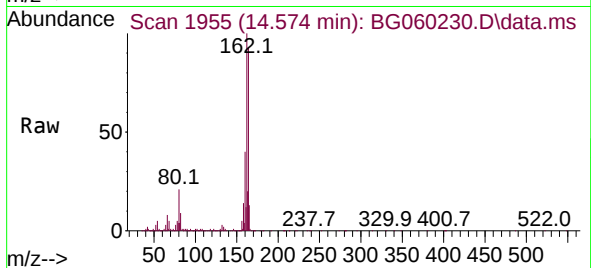




#51
2,6-Dinitrotoluene
Concen: 8.207 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.422 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

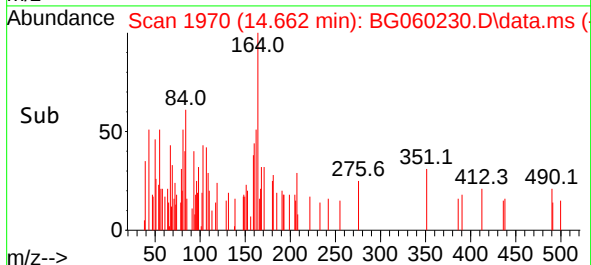
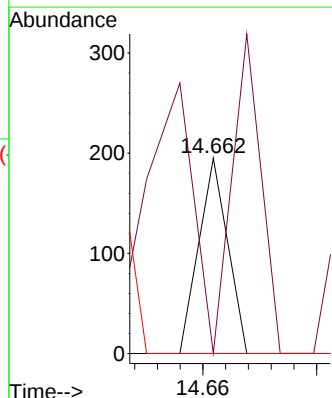
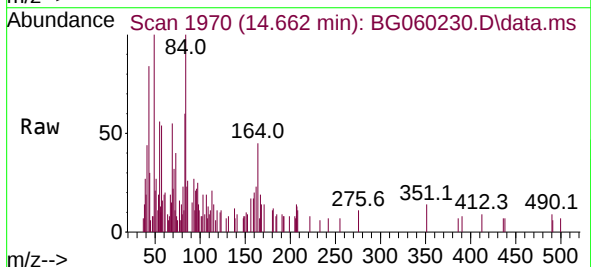
Instrument :
BNA_G
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GHL-SS-15-0-2

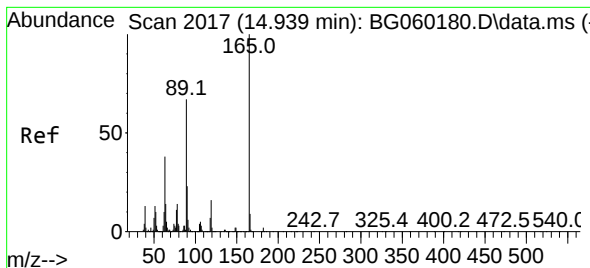
Tgt Ion:165 Resp: 78228
Ion Ratio Lower Upper
165 100
63 2.0 39.3 58.9#
89 0.9 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.247 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.035 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.365 min

Lab File: BG060230.D

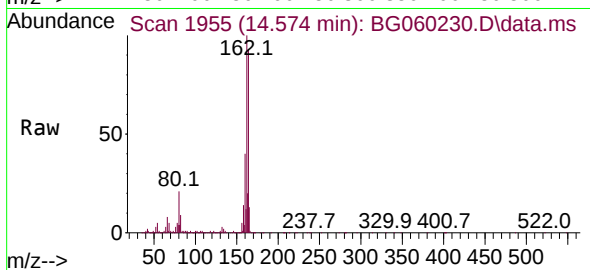
Acq: 3 Jan 2024 16:58

Instrument :

BNA_G

ClientSampleId :

GHL-SS-15-0-2



Tgt Ion:165 Resp: 78228

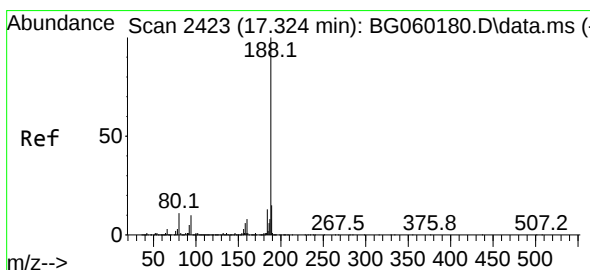
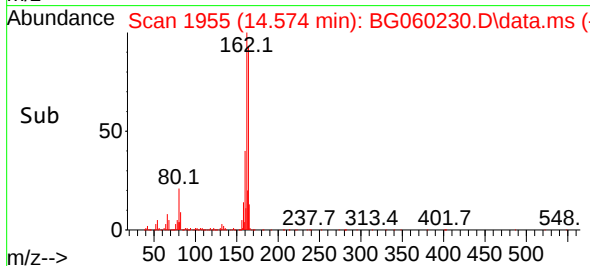
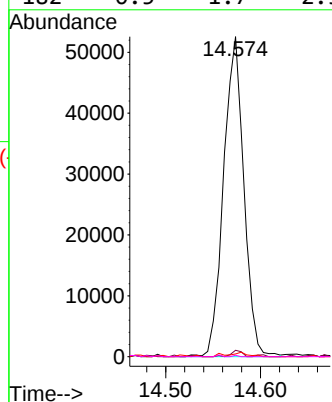
Ion Ratio Lower Upper

165 100

63 2.0 31.0 46.6#

89 0.9 53.3 79.9#

182 0.5 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2422

Delta R.T. -0.007 min

Lab File: BG060230.D

Acq: 3 Jan 2024 16:58

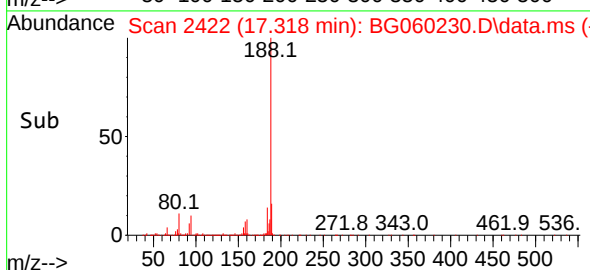
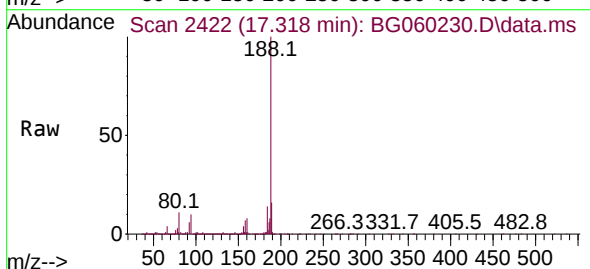
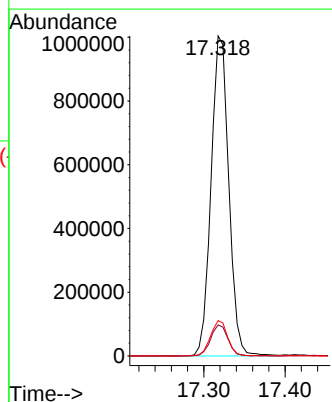
Tgt Ion:188 Resp: 1518514

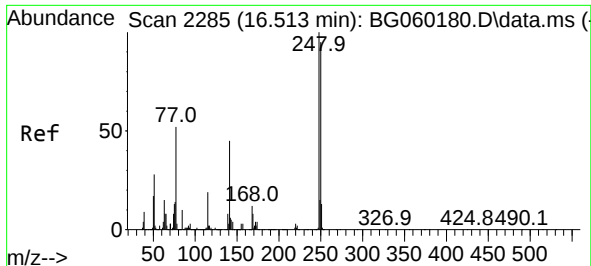
Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 11.0 8.6 13.0

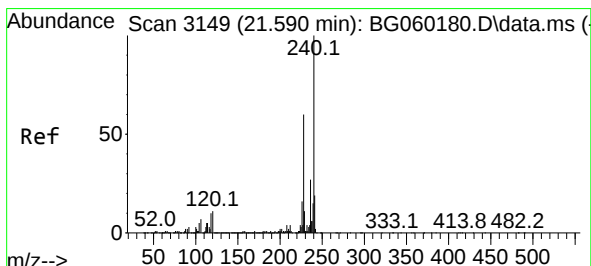
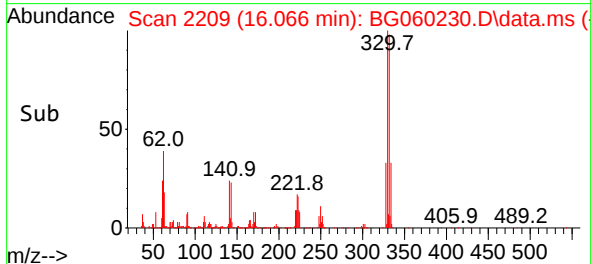
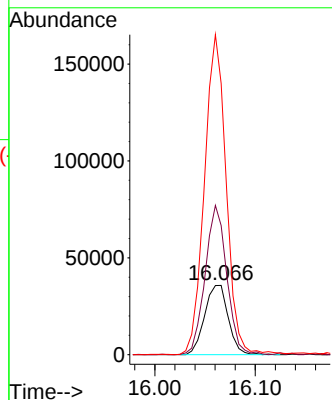
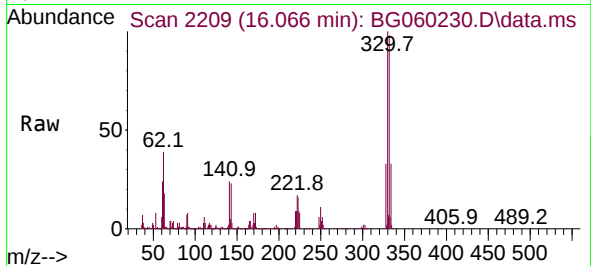




#67
4-Bromophenyl-phenylether
Concen: 3.635 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

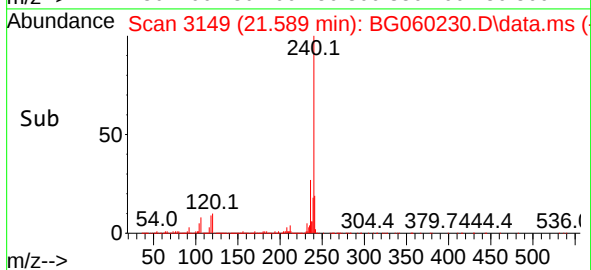
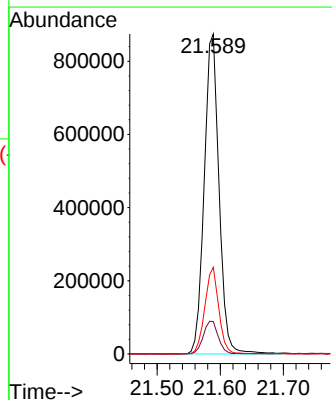
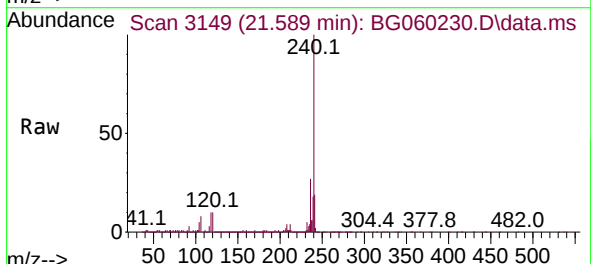
Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2

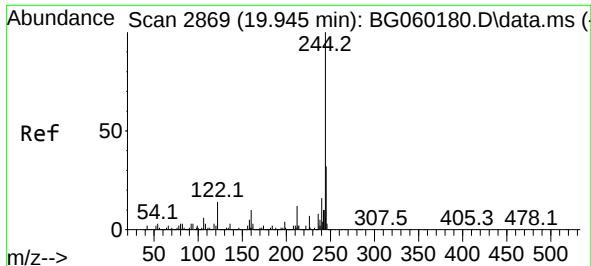
Tgt Ion:248 Resp: 58525
Ion Ratio Lower Upper
248 100
250 148.9 76.2 114.4#
141 312.9 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

Tgt Ion:240 Resp: 1421361
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 27.1 21.4 32.2

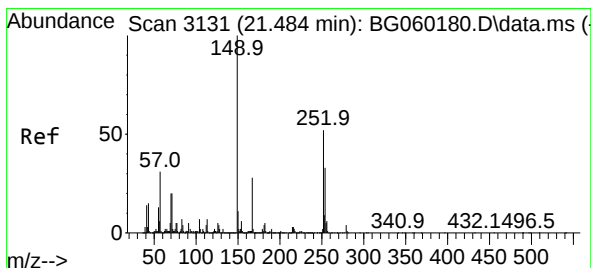
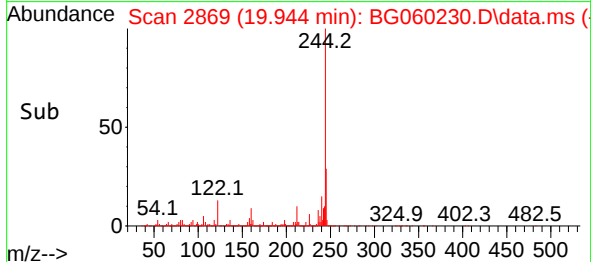
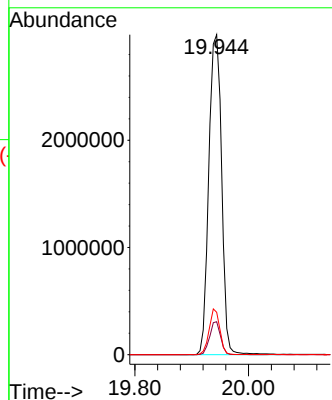
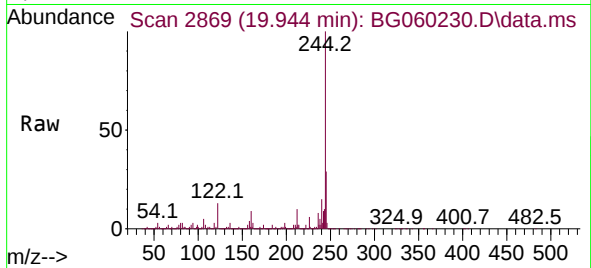




#79
 Terphenyl-d14
 Concen: 62.767 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060230.D
 Acq: 3 Jan 2024 16:58

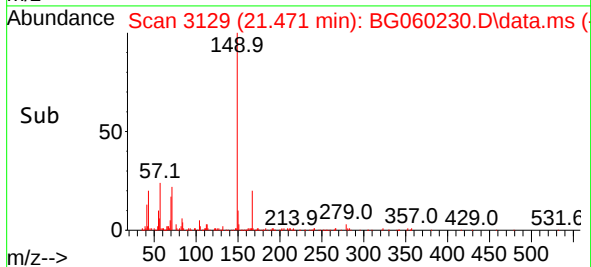
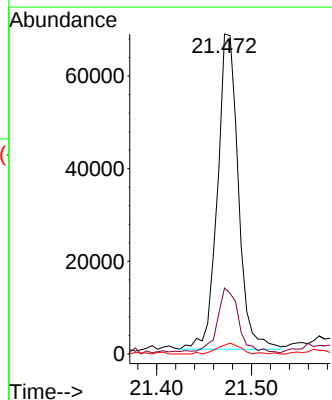
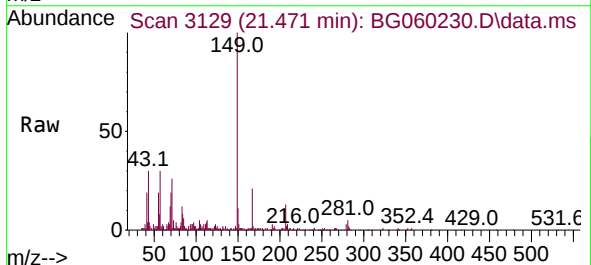
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-15-0-2

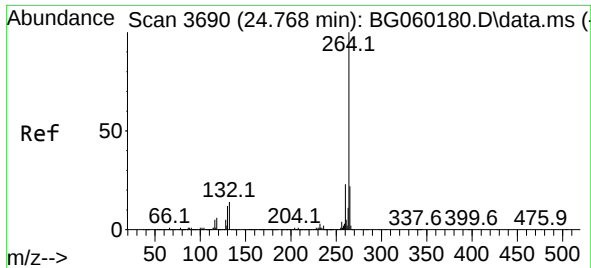
Tgt Ion:244 Resp: 4640585
 Ion Ratio Lower Upper
 244 100
 212 10.3 9.5 14.3
 122 13.3 11.4 17.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.448 ng
 RT: 21.471 min Scan# 3129
 Delta R.T. -0.013 min
 Lab File: BG060230.D
 Acq: 3 Jan 2024 16:58

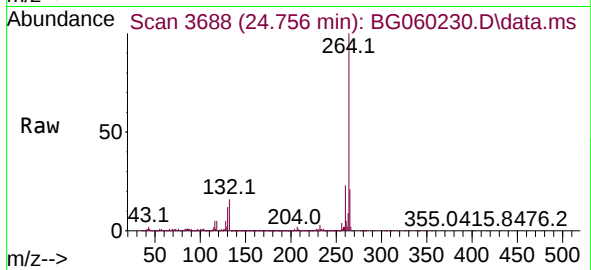
Tgt Ion:149 Resp: 104584
 Ion Ratio Lower Upper
 149 100
 167 20.6 22.2 33.4#
 279 2.7 2.9 4.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.756 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG060230.D
Acq: 3 Jan 2024 16:58

Instrument :
BNA_G
ClientSampleId :
GHL-SS-15-0-2



Tgt Ion:264 Resp: 1657832

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.0	27.0
265	21.2	17.4	26.0

