

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060234.D
 Acq On : 3 Jan 2024 19:40
 Operator : MA/JU
 Sample : 05909-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-52-D

Quant Time: Jan 04 00:41:36 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)

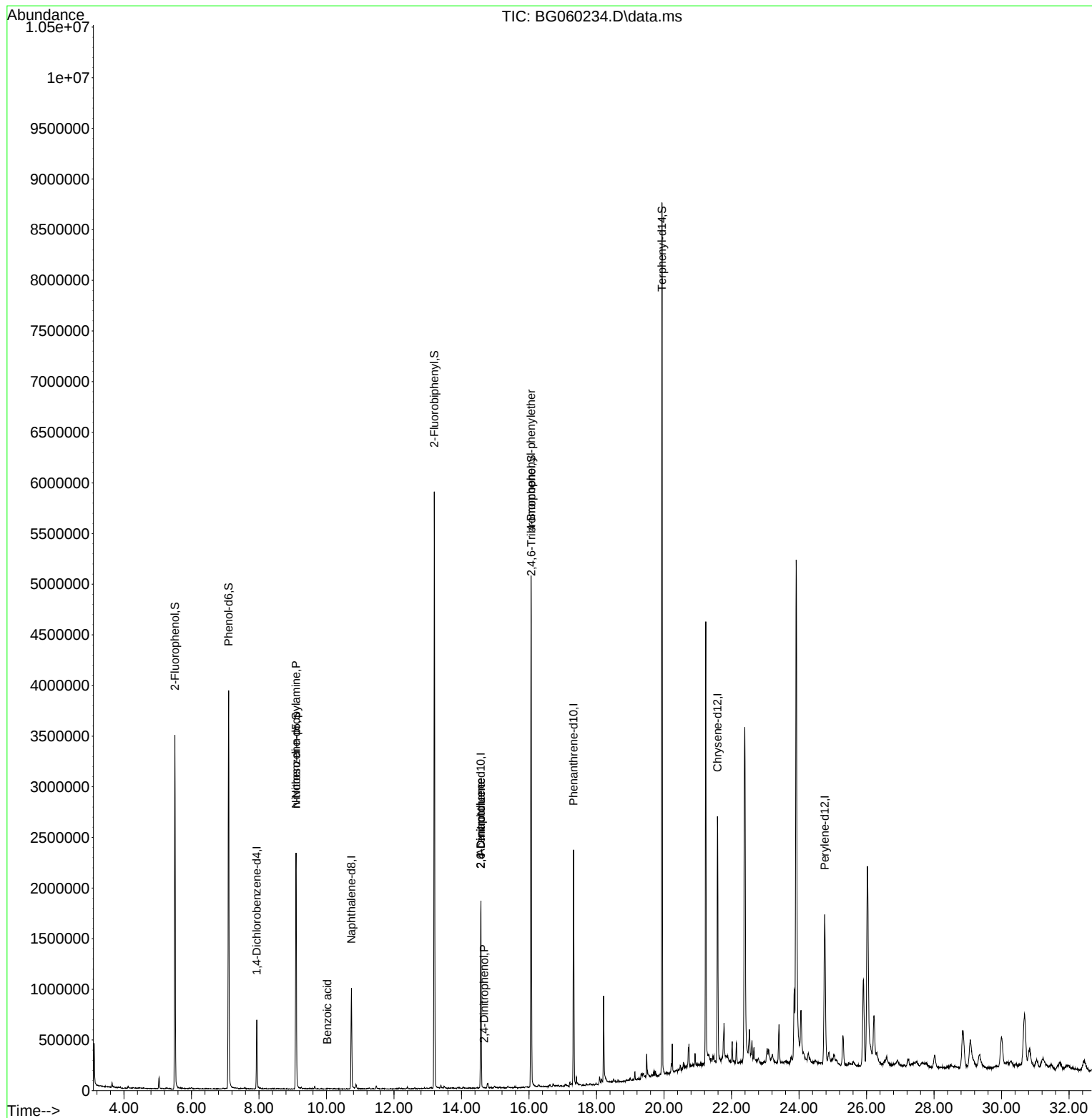
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	206058	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	850772	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	665768	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1607977	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1394680	20.000	ng	0.00
86) Perylene-d12	24.762	264	1557936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1589463	116.425	ng	0.00
7) Phenol-d6	7.100	99	2544871	125.546	ng	0.00
23) Nitrobenzene-d5	9.098	82	1588233	86.228	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1063214	119.301	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3175763	68.557	ng	0.00
79) Terphenyl-d14	19.938	244	4120875	56.804	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	195288	14.103	ng	# 81
32) Benzoic acid	10.020	122	94	10.279	ng	# 46
51) 2,6-Dinitrotoluene	14.568	165	88590	8.286	ng	# 29
54) 2,4-Dinitrophenol	14.674	184	123	8.254	ng	# 65
57) 2,4-Dinitrotoluene	14.568	165	88590	6.094	ng	# 26
67) 4-Bromophenyl-phenylether	16.060	248	64610	3.790	ng	# 1

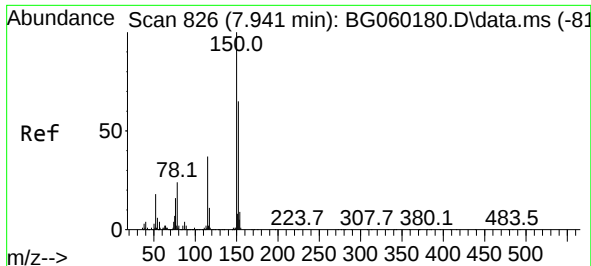
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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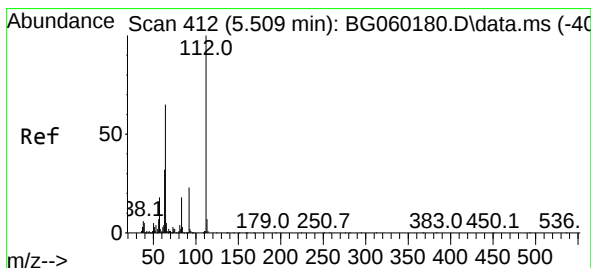
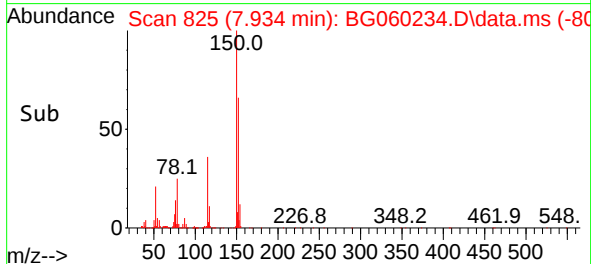
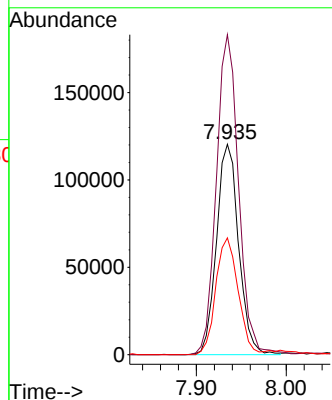
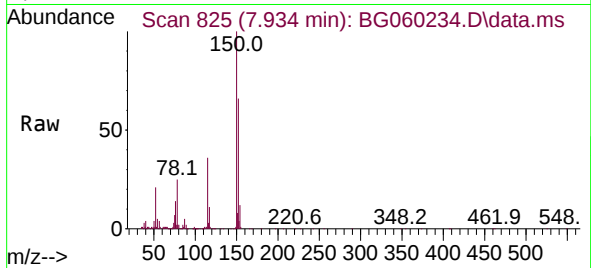




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

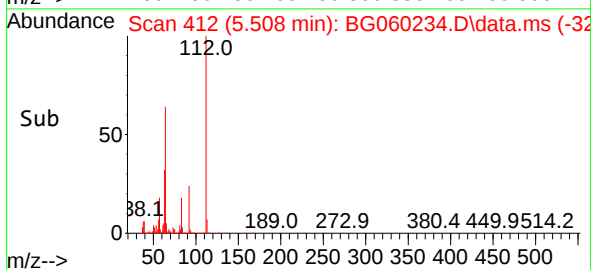
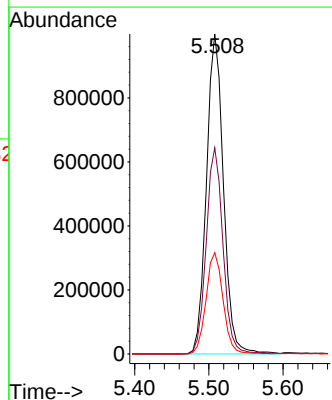
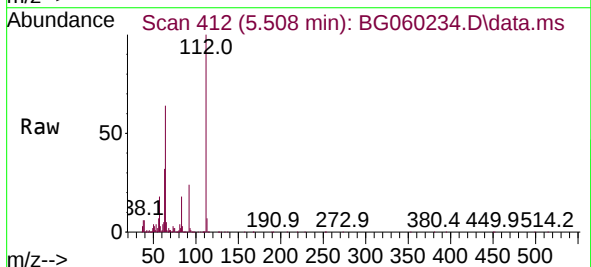
Instrument :
BNA_G
ClientSampleId :
GHL-SS-52-D

Tgt Ion:152 Resp: 206058
Ion Ratio Lower Upper
152 100
150 152.1 123.4 185.0
115 55.5 45.4 68.0



#5
2-Fluorophenol
Concen: 116.425 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion:112 Resp: 1589463
Ion Ratio Lower Upper
112 100
64 64.5 52.2 78.4
63 31.7 25.4 38.0

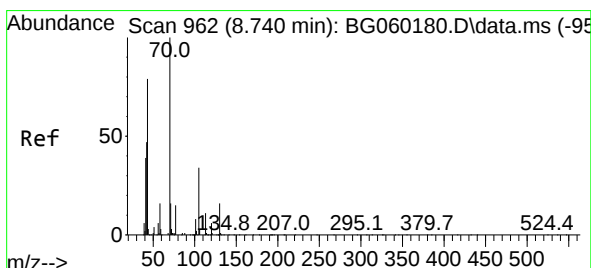
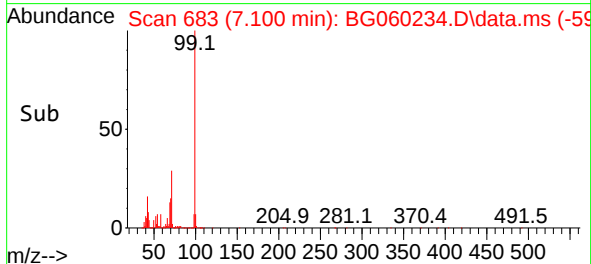
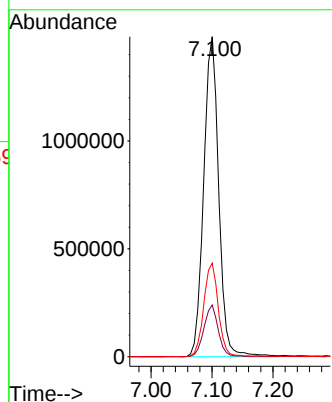
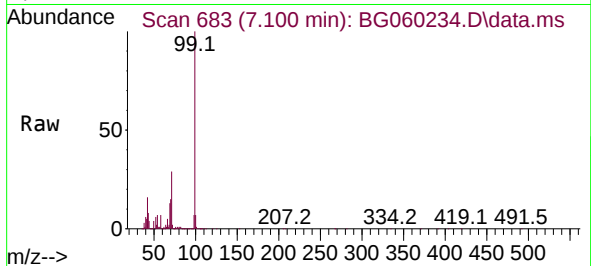




#7
Phenol-d6
Concen: 125.546 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

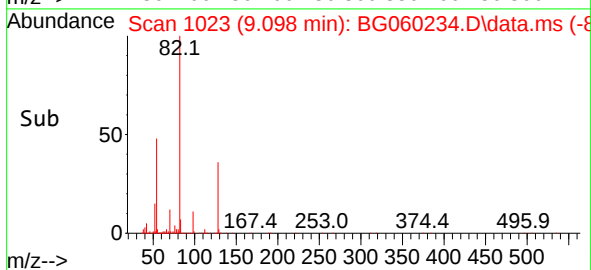
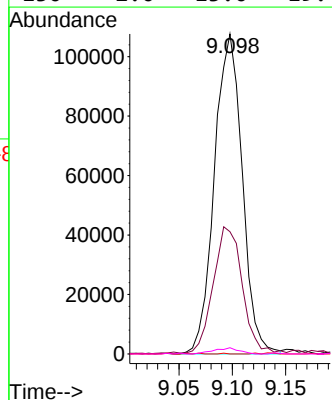
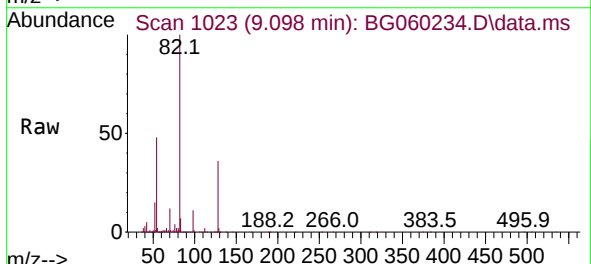
Instrument :
BNA_G
ClientSampleId :
GHL-SS-52-D

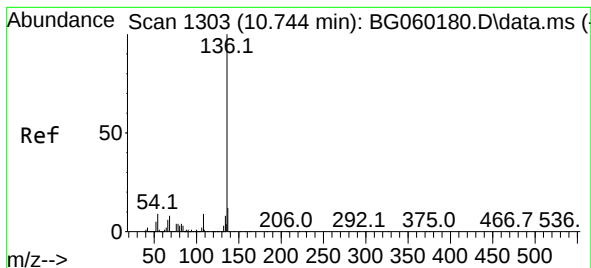
Tgt Ion: 99 Resp: 2544871
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 29.2 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.103 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion: 70 Resp: 195288
Ion Ratio Lower Upper
70 100
42 38.2 37.9 56.9
101 0.0 6.2 9.2#
130 2.0 13.0 19.4#

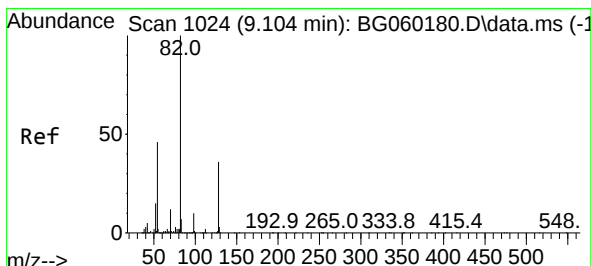
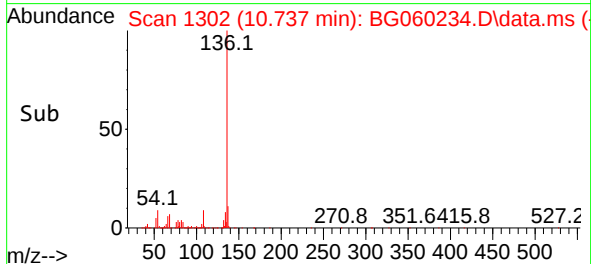
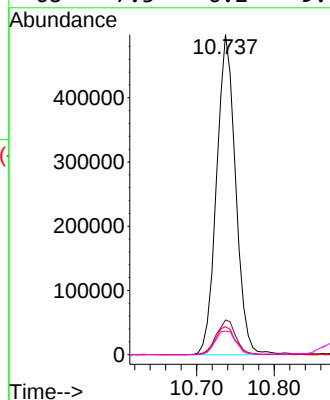
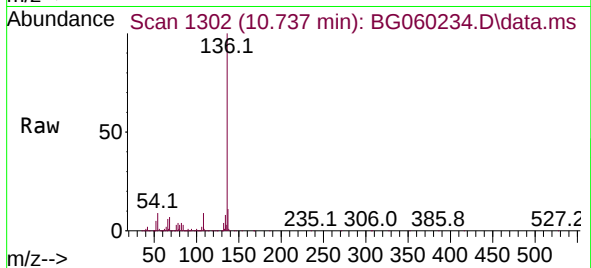




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

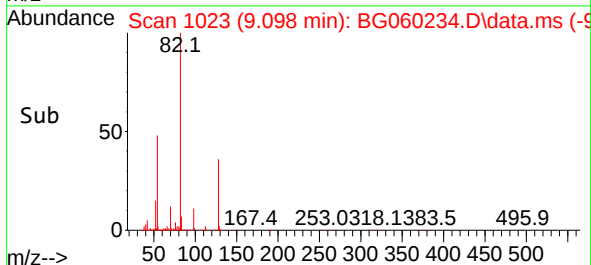
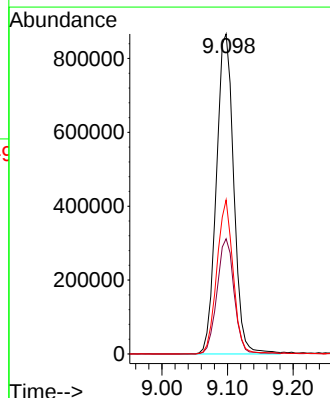
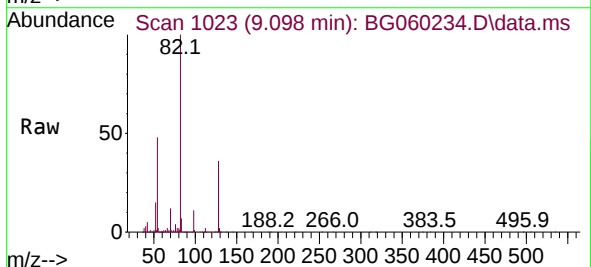
Instrument :
BNA_G
ClientSampleId :
GHL-SS-52-D

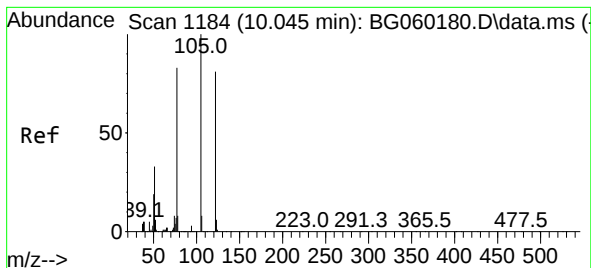
Tgt Ion:136 Resp: 850772
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 8.7 7.4 11.2
68 7.3 6.2 9.4



#23
Nitrobenzene-d5
Concen: 86.228 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion: 82 Resp: 1588233
Ion Ratio Lower Upper
82 100
128 36.0 28.7 43.1
54 48.2 36.9 55.3





#32

Benzoic acid

Concen: 10.279 ng

RT: 10.020 min Scan# 1184

Delta R.T. -0.025 min

Lab File: BG060234.D

Acq: 3 Jan 2024 19:40

Instrument :

BNA_G

ClientSampleId :

GHL-SS-52-D

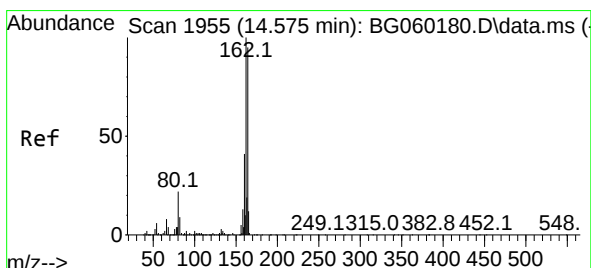
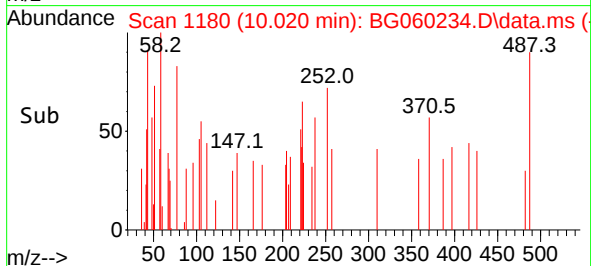
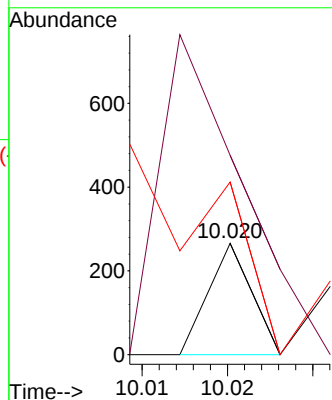
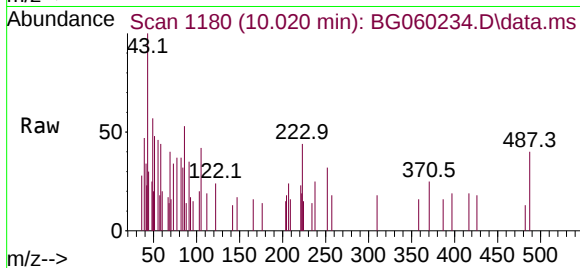
Tgt Ion:122 Resp: 94

Ion Ratio Lower Upper

122 100

105 178.9 99.2 139.2#

77 154.9 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: BG060234.D

Acq: 3 Jan 2024 19:40

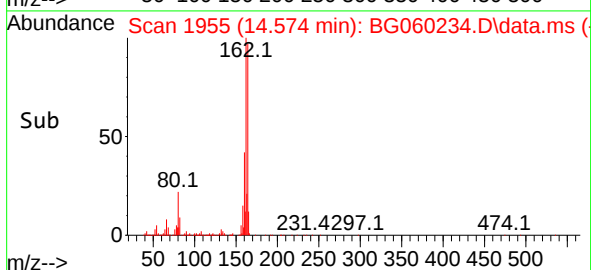
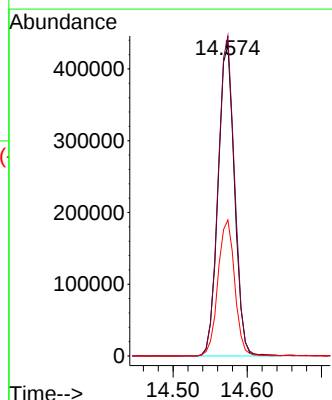
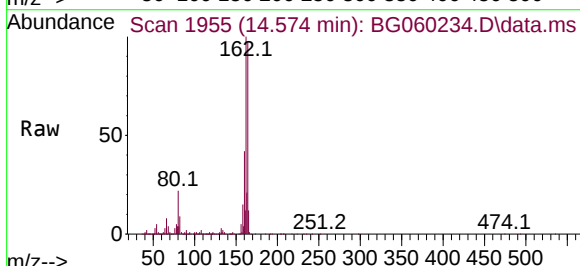
Tgt Ion:164 Resp: 665768

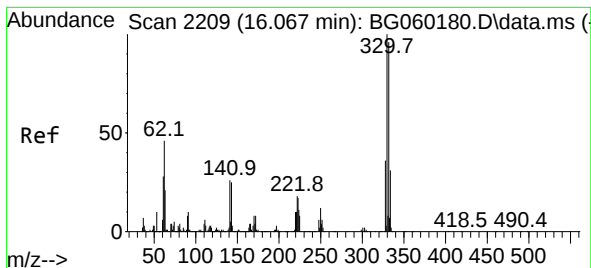
Ion Ratio Lower Upper

164 100

162 103.0 83.9 125.9

160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 119.301 ng

RT: 16.066 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060234.D

Acq: 3 Jan 2024 19:40

Instrument :

BNA_G

ClientSampleId :

GHL-SS-52-D

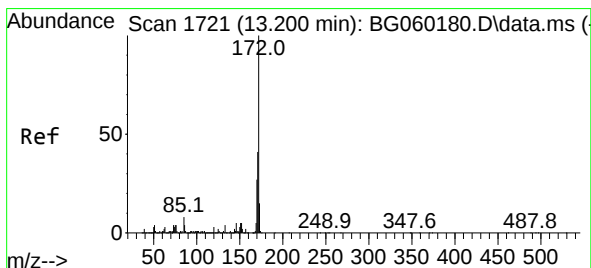
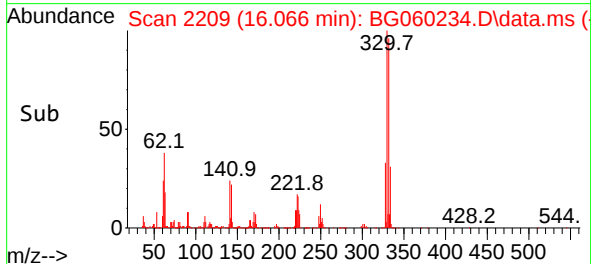
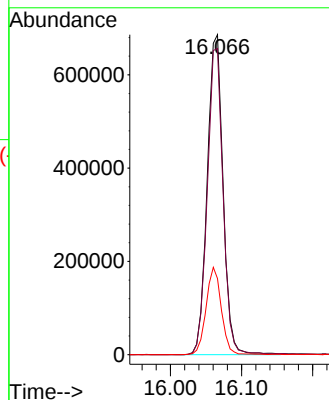
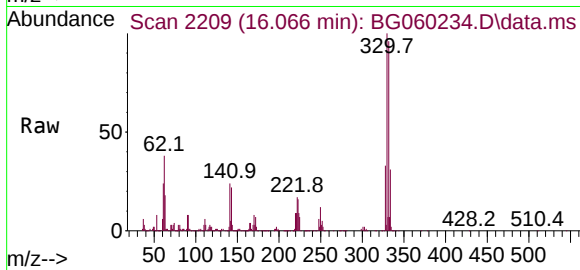
Tgt Ion:330 Resp: 1063214

Ion Ratio Lower Upper

330 100

332 95.2 76.7 115.1

141 26.3 21.0 31.4



#45

2-Fluorobiphenyl

Concen: 68.557 ng

RT: 13.193 min Scan# 1720

Delta R.T. -0.007 min

Lab File: BG060234.D

Acq: 3 Jan 2024 19:40

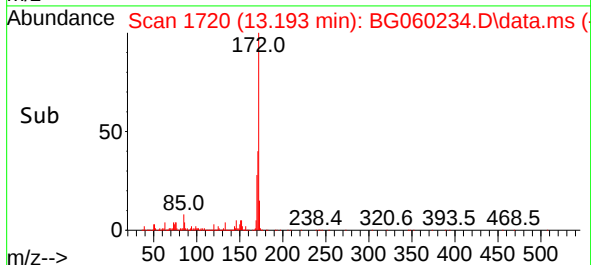
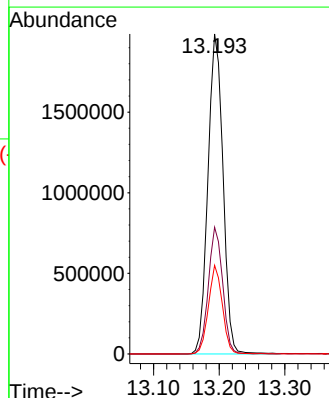
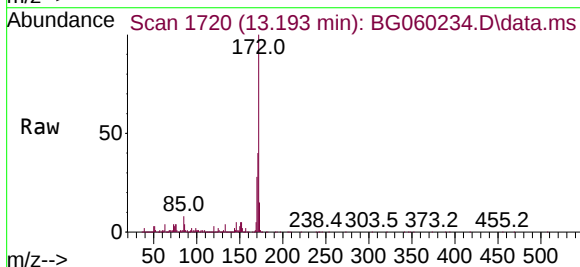
Tgt Ion:172 Resp: 3175763

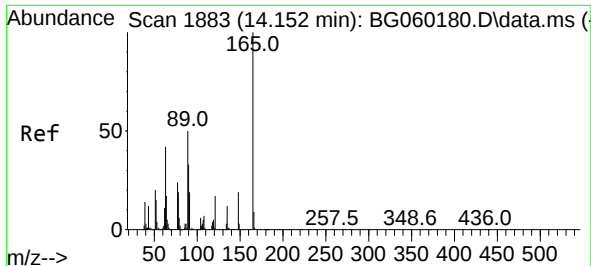
Ion Ratio Lower Upper

172 100

171 39.6 32.6 48.8

170 27.7 21.8 32.6

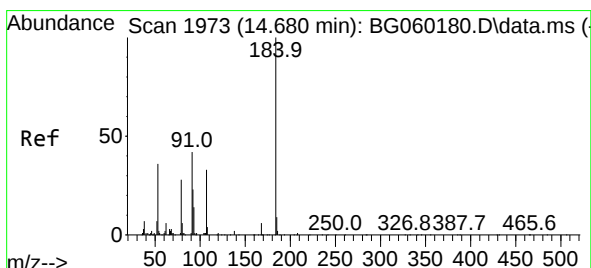
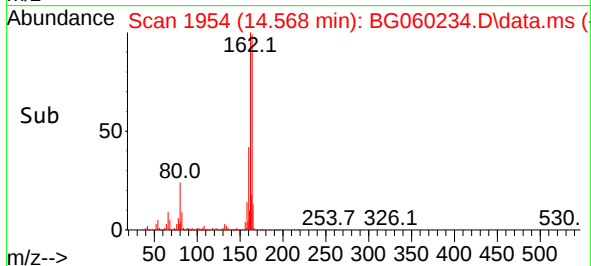
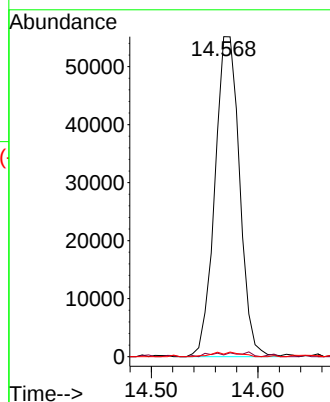
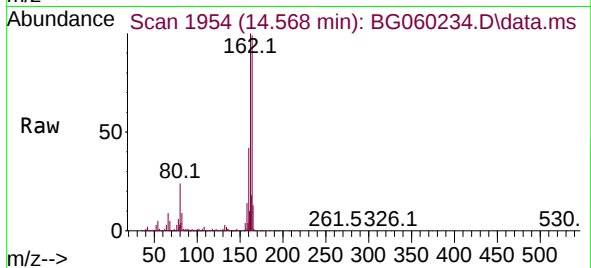




#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.416 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

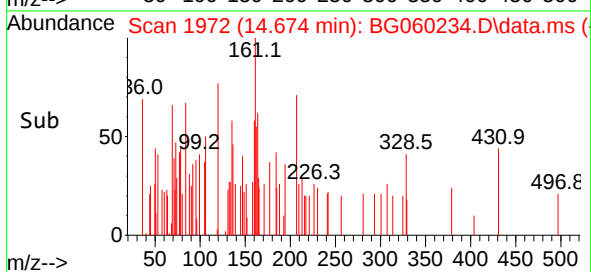
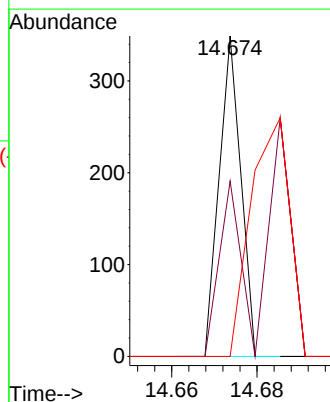
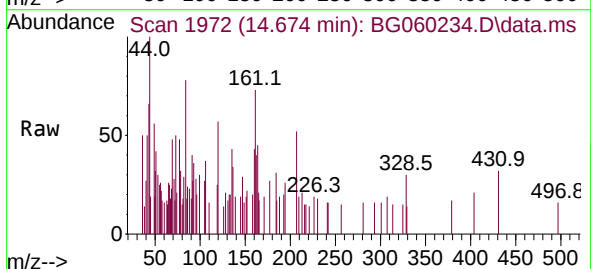
Instrument :
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GHL-SS-52-D

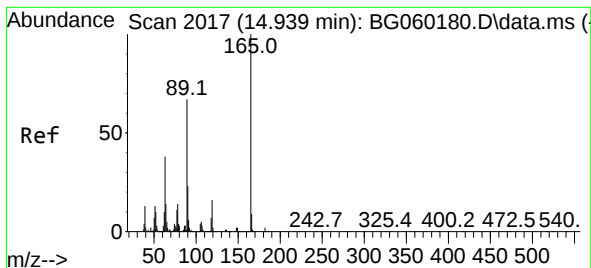
Tgt Ion:165 Resp: 88590
Ion Ratio Lower Upper
165 100
63 0.6 39.3 58.9#
89 0.8 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.254 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion:184 Resp: 123
Ion Ratio Lower Upper
184 100
63 54.7 45.4 68.2
154 0.0 40.0 60.0#

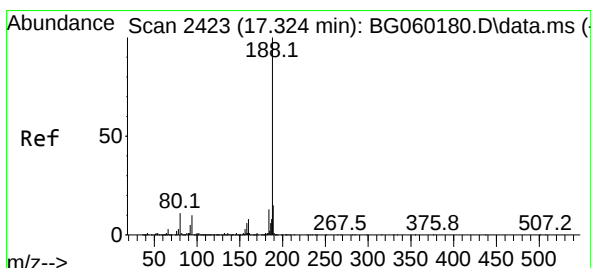
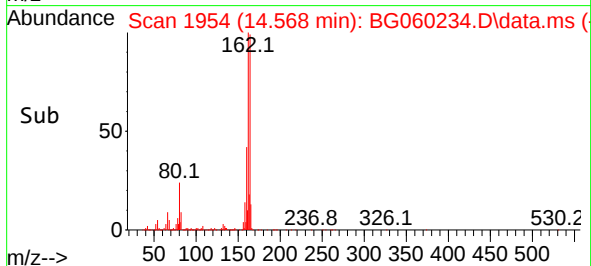
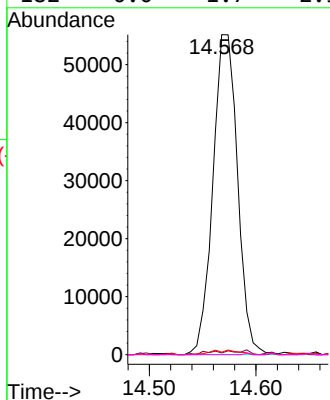
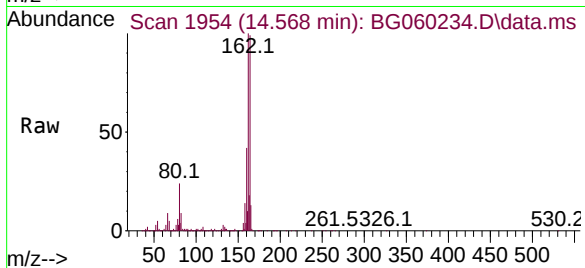




#57
2,4-Dinitrotoluene
Concen: 6.094 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.371 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

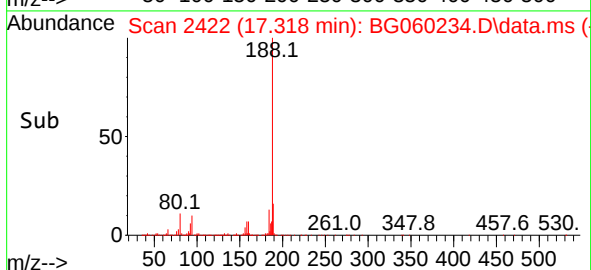
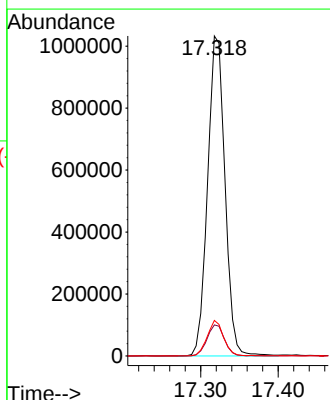
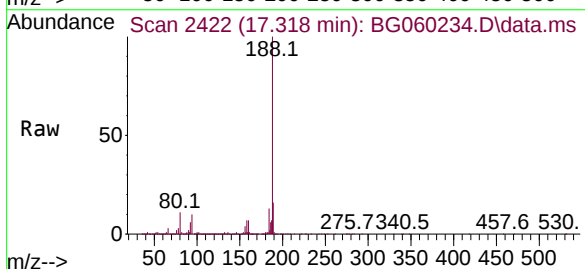
Instrument :
BNA_G
ClientSampleId :
GHL-SS-52-D

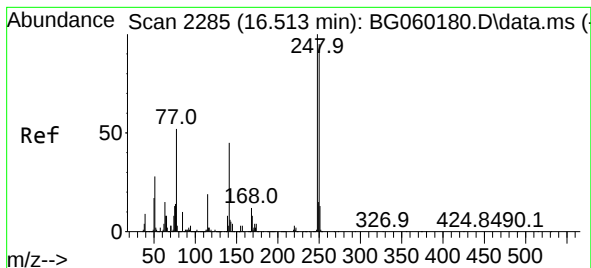
Tgt Ion:165 Resp: 88590
Ion Ratio Lower Upper
165 100
63 0.6 31.0 46.6#
89 0.8 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion:188 Resp: 1607977
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 11.1 8.6 13.0

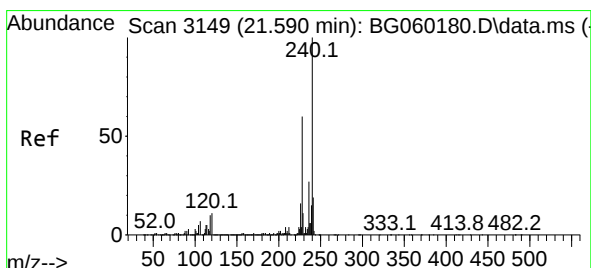
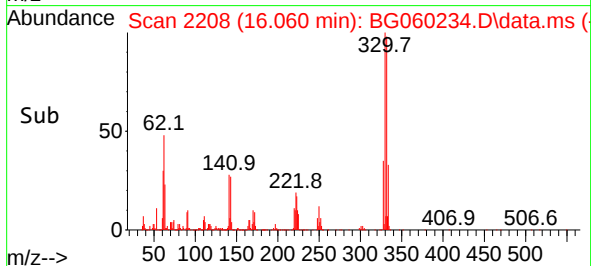
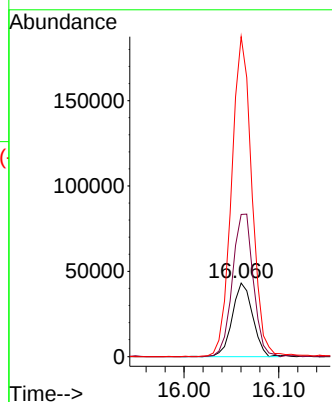
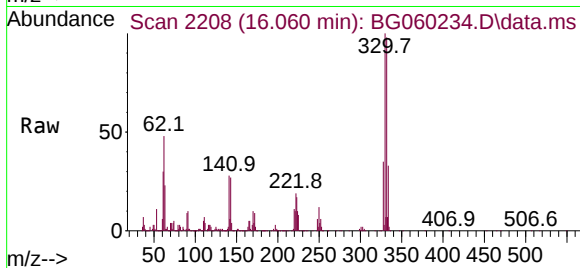




#67
4-Bromophenyl-phenylether
Concen: 3.790 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

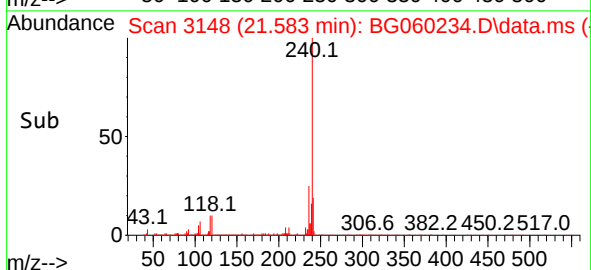
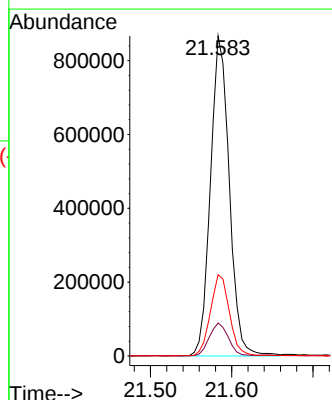
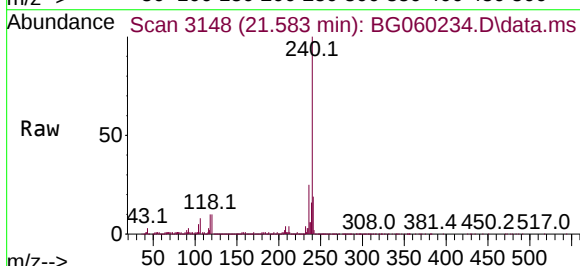
Instrument :
BNA_G
ClientSampleId :
GHL-SS-52-D

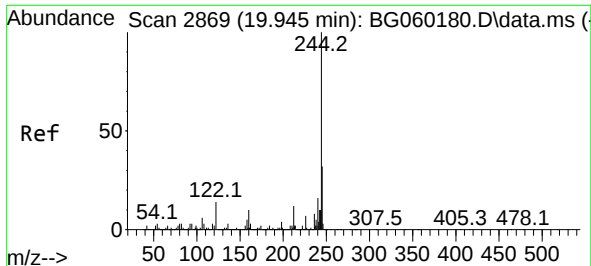
Tgt Ion:248 Resp: 64610
Ion Ratio Lower Upper
248 100
250 193.0 76.2 114.4#
141 434.4 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.007 min
Lab File: BG060234.D
Acq: 3 Jan 2024 19:40

Tgt Ion:240 Resp: 1394680
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.4 21.4 32.2

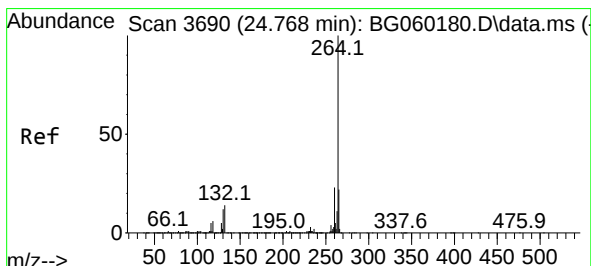
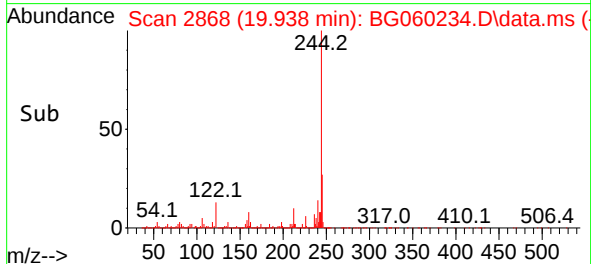
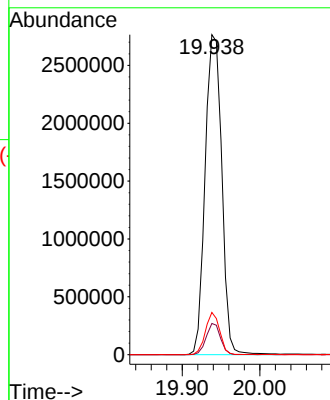
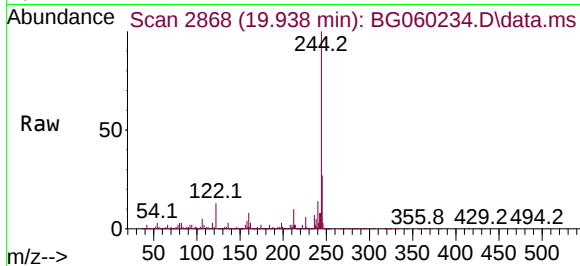




#79
 Terphenyl-d14
 Concen: 56.804 ng
 RT: 19.938 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG060234.D
 Acq: 3 Jan 2024 19:40

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-52-D

Tgt Ion:244 Resp: 4120875
 Ion Ratio Lower Upper
 244 100
 212 9.8 9.5 14.3
 122 13.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.007 min
 Lab File: BG060234.D
 Acq: 3 Jan 2024 19:40

Tgt Ion:264 Resp: 1557936
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.0 27.0
 265 21.9 17.4 26.0

