

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060233.D
 Acq On : 3 Jan 2024 18:59
 Operator : MA/JU
 Sample : 05897-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-23

Quant Time: Jan 04 00:41:14 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)

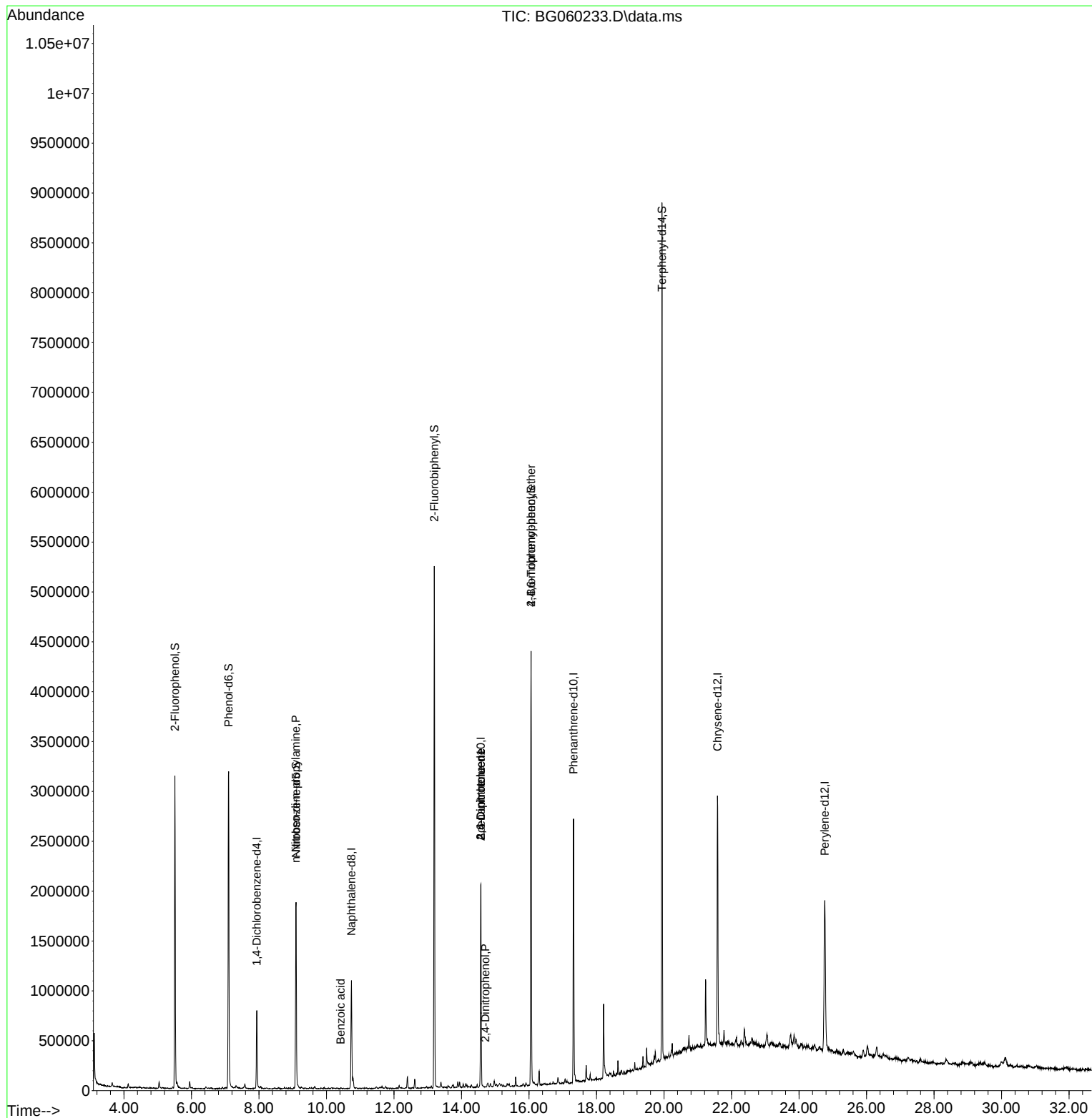
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	244643	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	961678	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	731389	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1759781	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1530022	20.000	ng	0.00
86) Perylene-d12	24.762	264	1674430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1434220	88.485	ng	0.00
7) Phenol-d6	7.101	99	2163233	89.887	ng	0.00
23) Nitrobenzene-d5	9.098	82	1284564	61.698	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	912523	93.206	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	2872855	56.453	ng	0.00
79) Terphenyl-d14	19.939	244	4121450	51.787	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	150052	9.127	ng	# 85
32) Benzoic acid	10.415	122	367	10.301	ng	# 96
51) 2,6-Dinitrotoluene	14.574	165	101411	8.634	ng	# 30
54) 2,4-Dinitrophenol	14.704	184	150	8.256	ng	# 24
57) 2,4-Dinitrotoluene	14.574	165	101411	6.350	ng	# 27
67) 4-Bromophenyl-phenylether	16.061	248	55047	2.950	ng	# 1

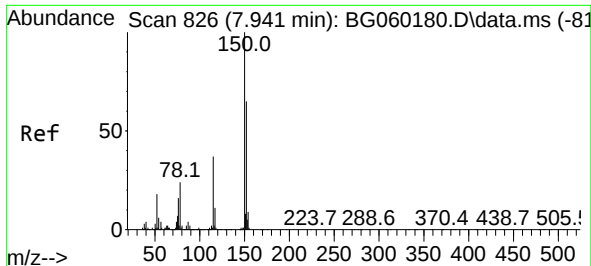
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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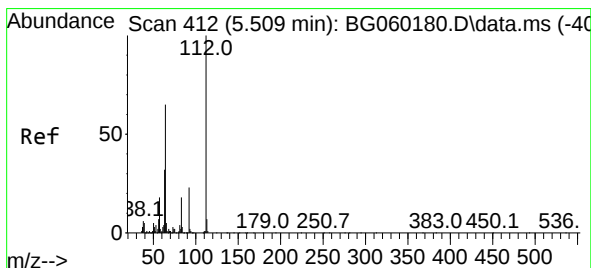
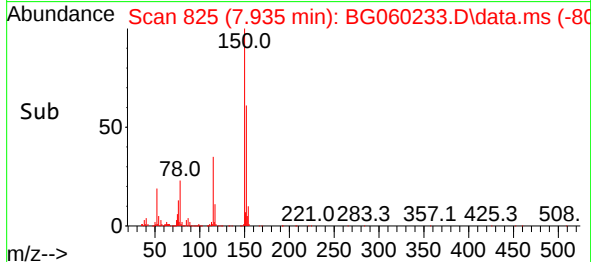
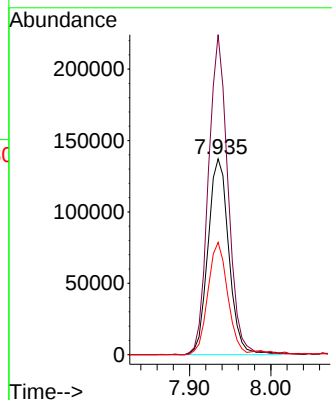
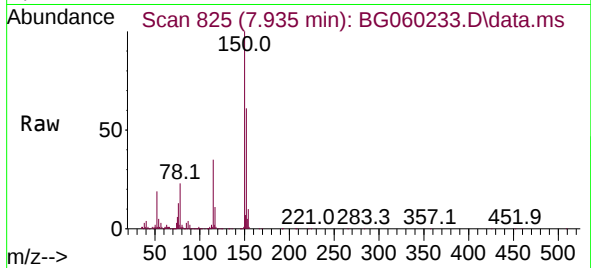




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

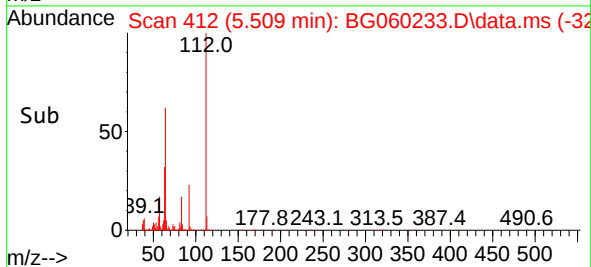
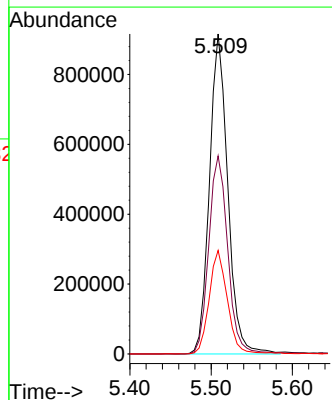
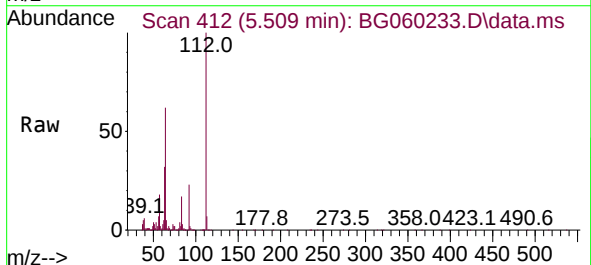
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

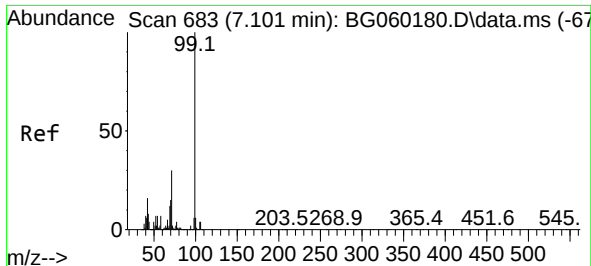
Tgt Ion:152 Resp: 244643
Ion Ratio Lower Upper
152 100
150 163.3 123.4 185.0
115 57.4 45.4 68.0



#5
2-Fluorophenol
Concen: 88.485 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:112 Resp: 1434220
Ion Ratio Lower Upper
112 100
64 61.9 52.2 78.4
63 32.3 25.4 38.0

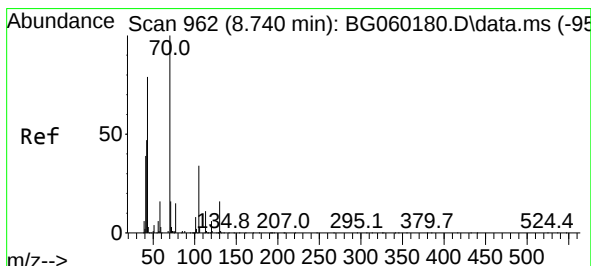
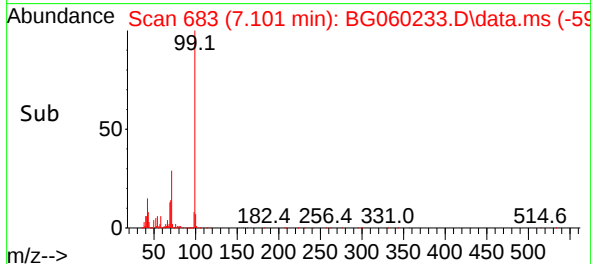
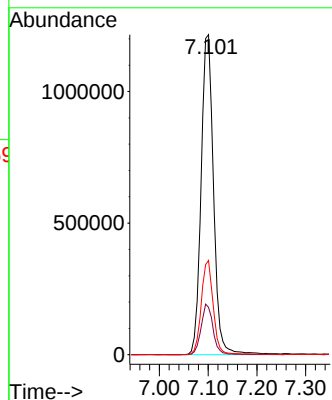
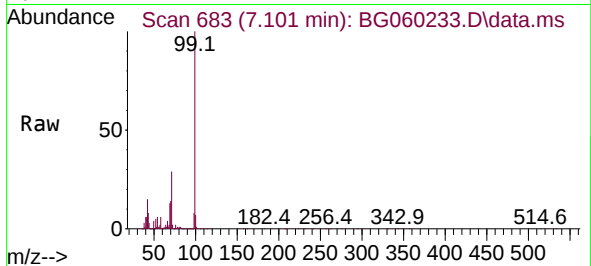




#7
Phenol-d6
Concen: 89.887 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

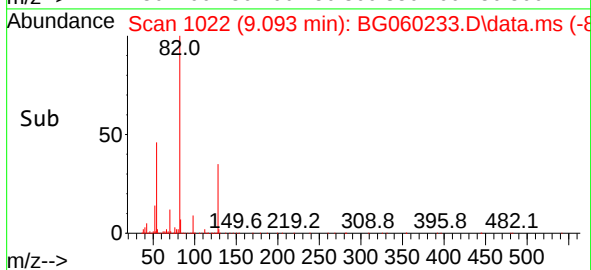
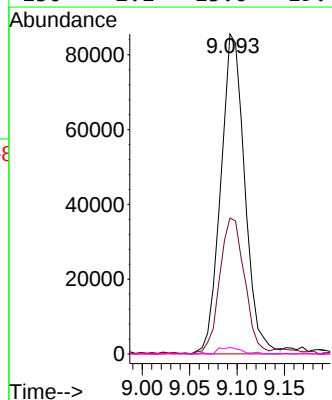
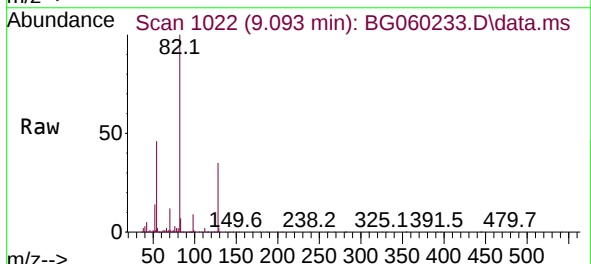
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

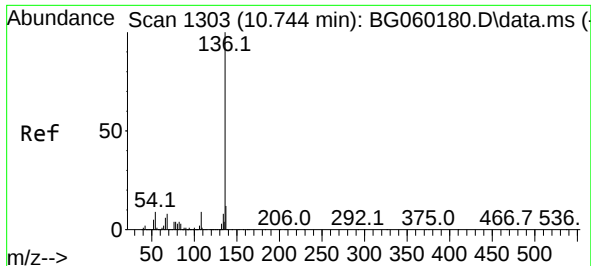
Tgt Ion: 99 Resp: 2163233
Ion Ratio Lower Upper
99 100
42 14.8 12.5 18.7
71 29.4 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.127 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.352 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion: 70 Resp: 150052
Ion Ratio Lower Upper
70 100
42 42.4 37.9 56.9
101 0.0 6.2 9.2#
130 2.1 13.0 19.4#



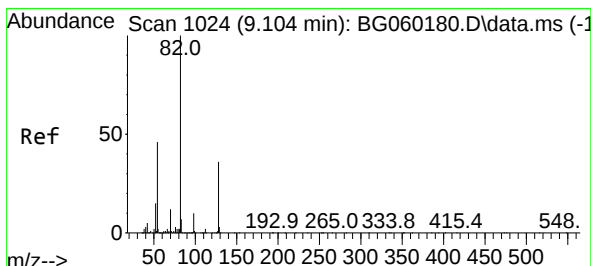
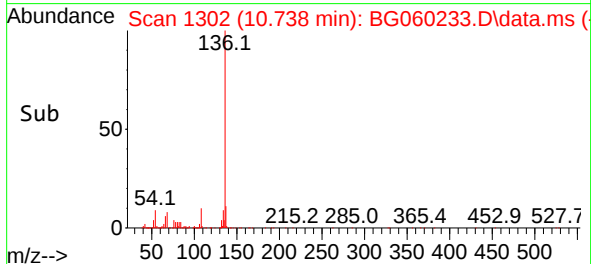
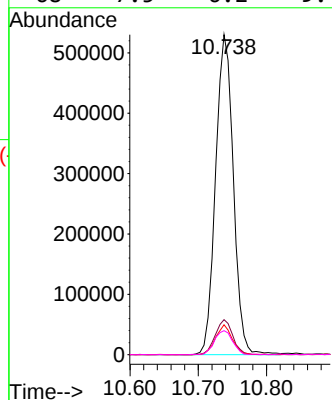
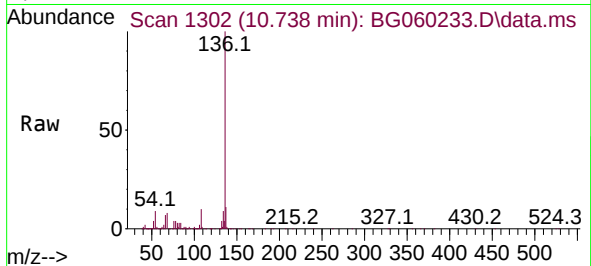


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

Tgt Ion:136 Resp: 961678

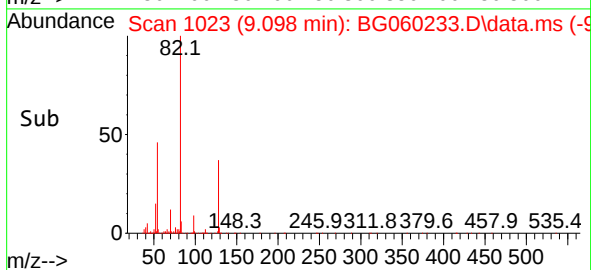
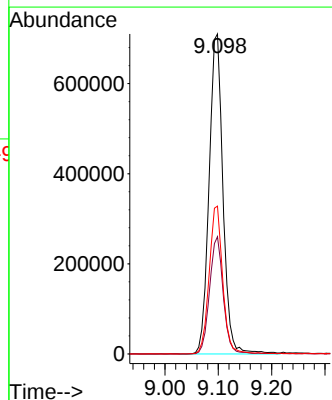
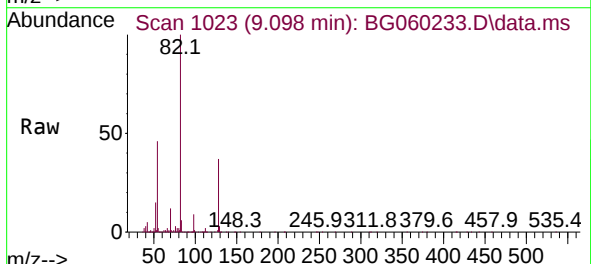
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	9.4	7.4	11.2
68	7.5	6.2	9.4

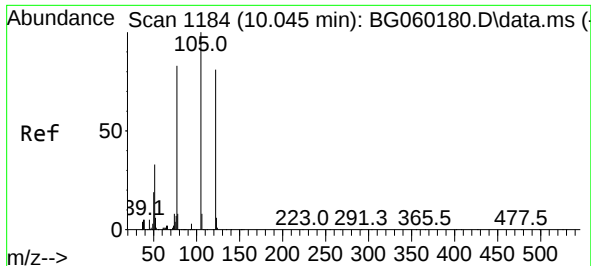


#23
Nitrobenzene-d5
Concen: 61.698 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion: 82 Resp: 1284564

Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.7	43.1
54	46.2	36.9	55.3

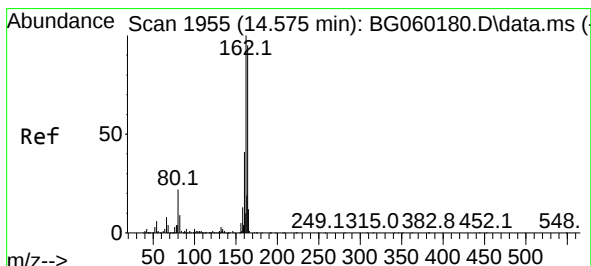
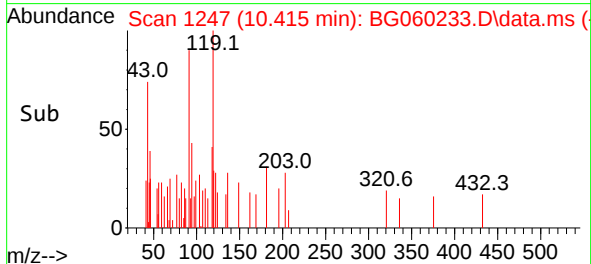
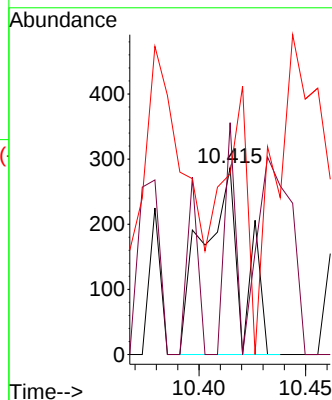
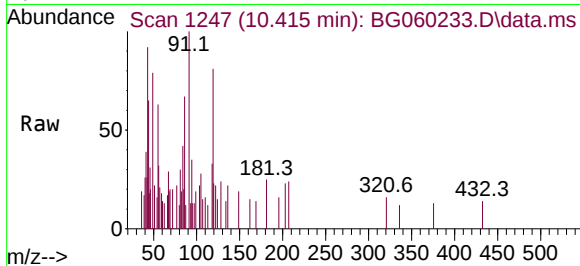




#32
Benzoic acid
Concen: 10.301 ng
RT: 10.415 min Scan# 1184
Delta R.T. 0.370 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

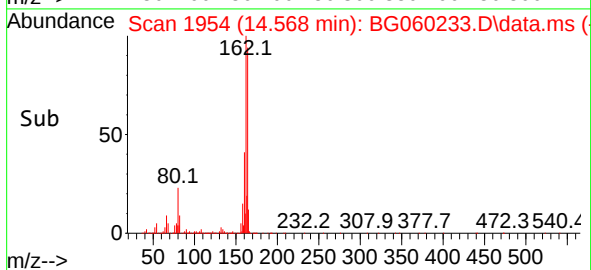
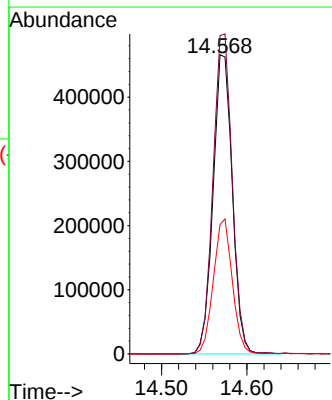
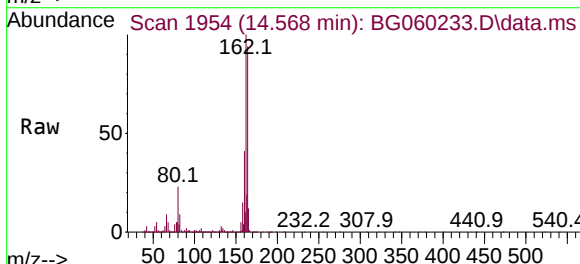
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

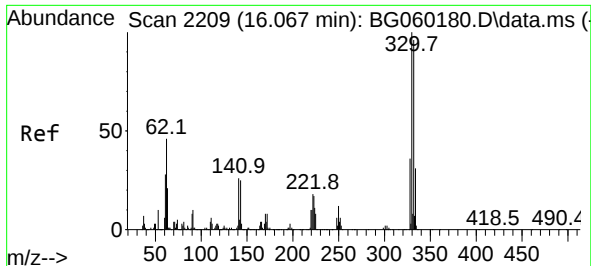
Tgt Ion:122 Resp: 367
Ion Ratio Lower Upper
122 100
105 124.0 99.2 139.2
77 96.5 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:164 Resp: 731389
Ion Ratio Lower Upper
164 100
162 106.4 83.9 125.9
160 43.3 34.2 51.4

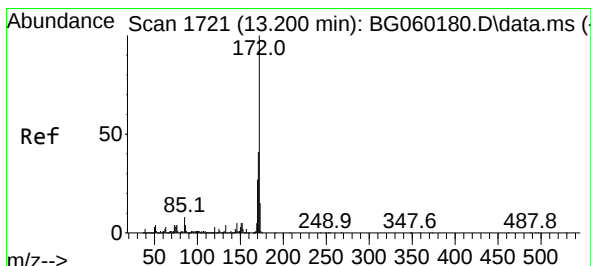
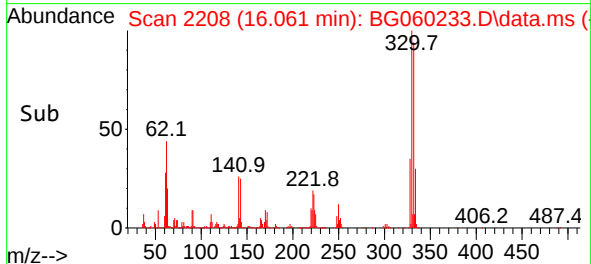
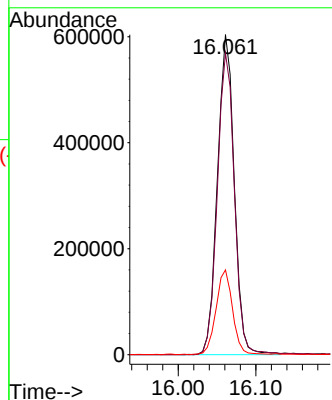
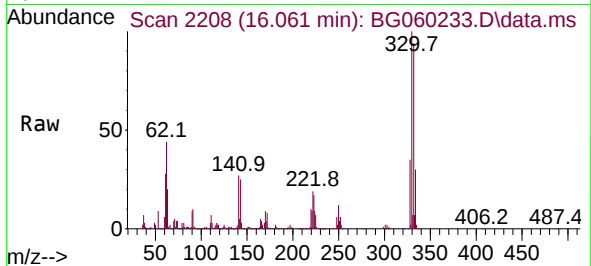




#42
2,4,6-Tribromophenol
Concen: 93.206 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

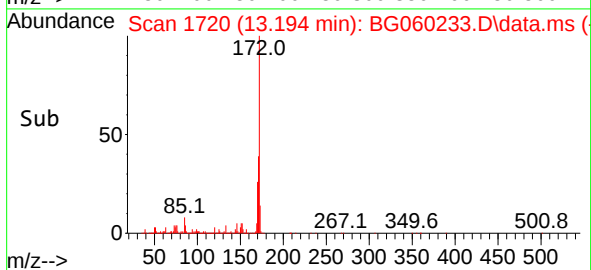
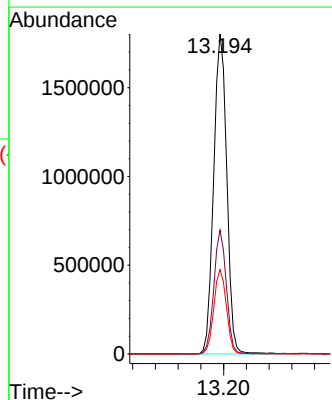
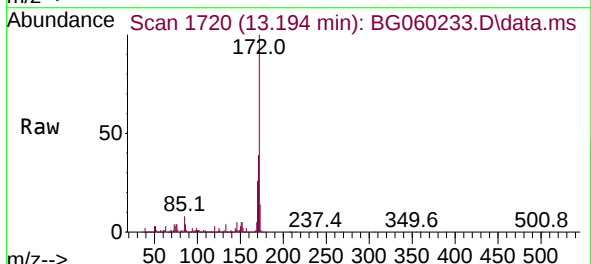
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

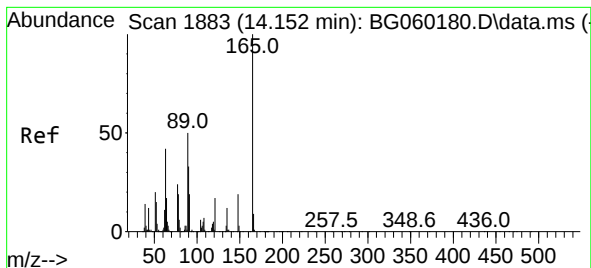
Tgt Ion:330 Resp: 912523
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 26.1 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 56.453 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:172 Resp: 2872855
Ion Ratio Lower Upper
172 100
171 38.7 32.6 48.8
170 26.4 21.8 32.6

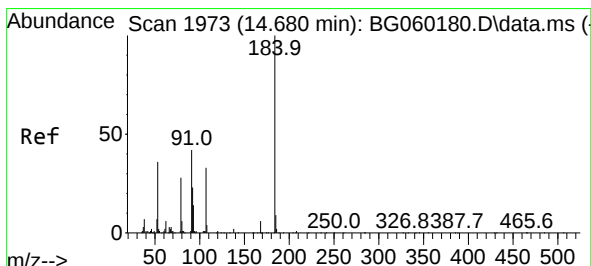
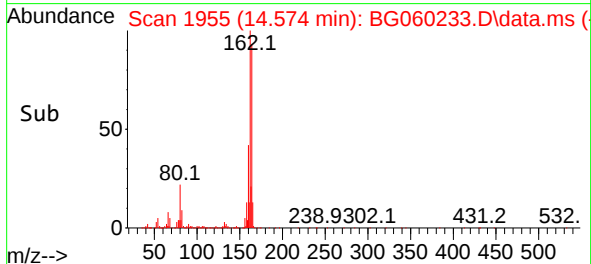
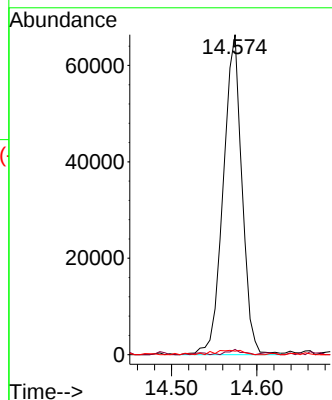
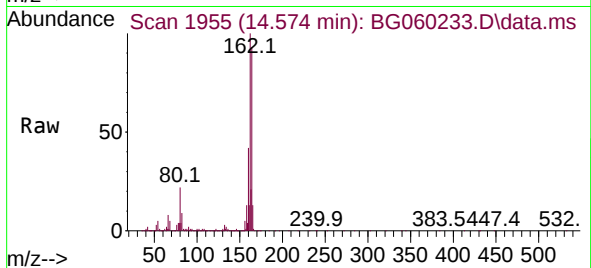




#51
2,6-Dinitrotoluene
Concen: 8.634 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.423 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

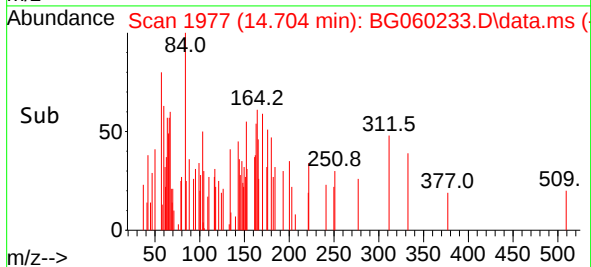
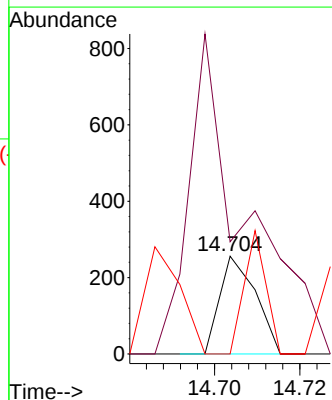
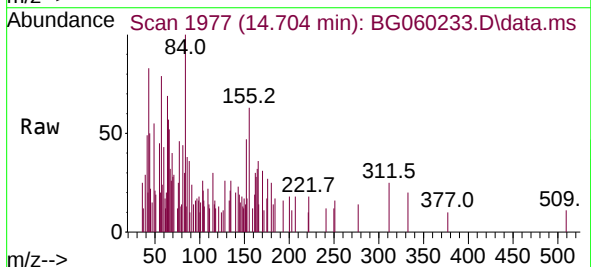
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BNA_G
ClientSampleId :
GHL-SS-23

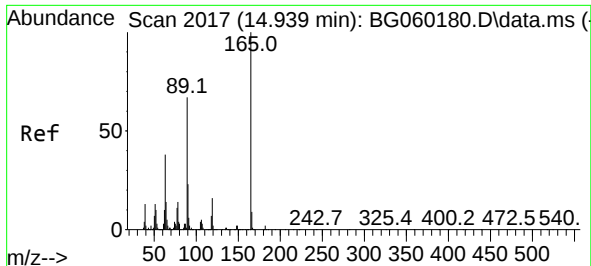
Tgt Ion:165 Resp: 101411
Ion Ratio Lower Upper
165 100
63 1.6 39.3 58.9#
89 1.1 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.256 ng
RT: 14.704 min Scan# 1977
Delta R.T. 0.024 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:184 Resp: 150
Ion Ratio Lower Upper
184 100
63 114.8 45.4 68.2#
154 0.0 40.0 60.0#

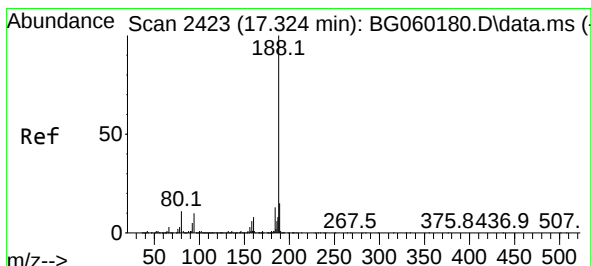
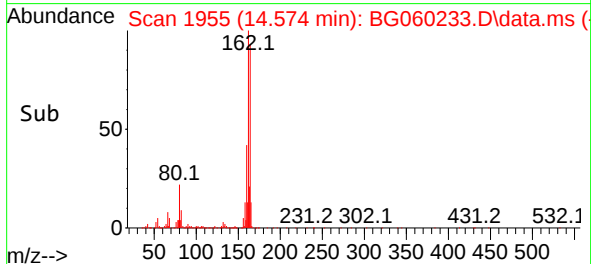
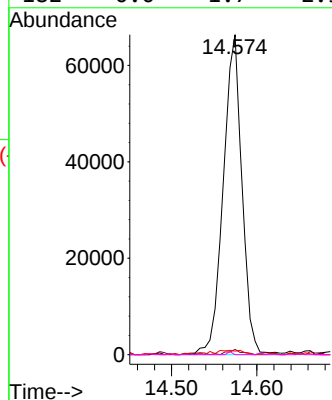
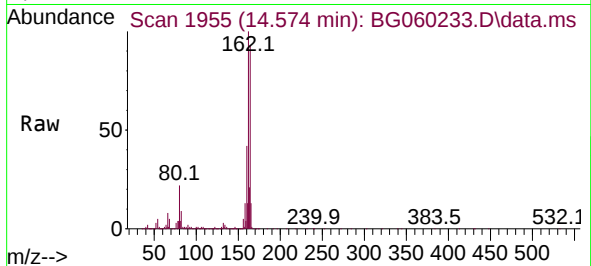




#57
2,4-Dinitrotoluene
Concen: 6.350 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

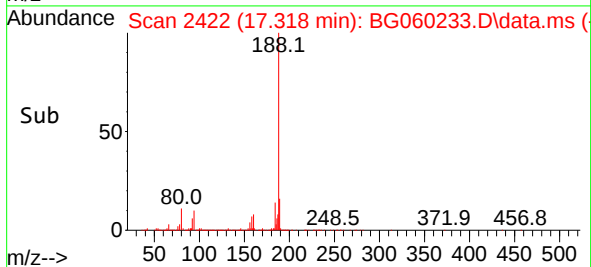
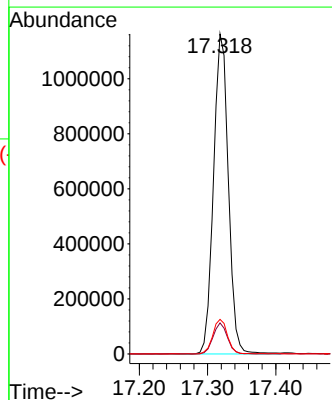
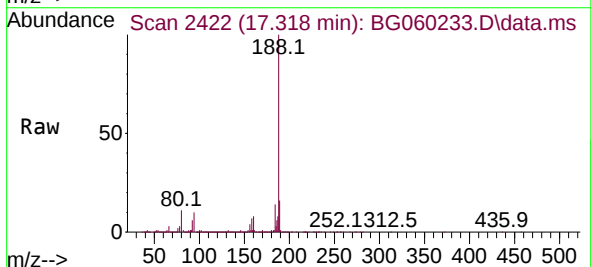
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

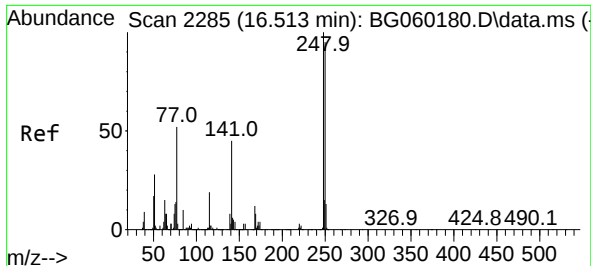
Tgt Ion:165 Resp: 101411
Ion Ratio Lower Upper
165 100
63 1.6 31.0 46.6#
89 1.1 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:188 Resp: 1759781
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.8 8.6 13.0

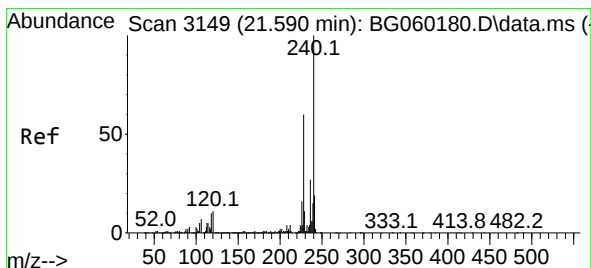
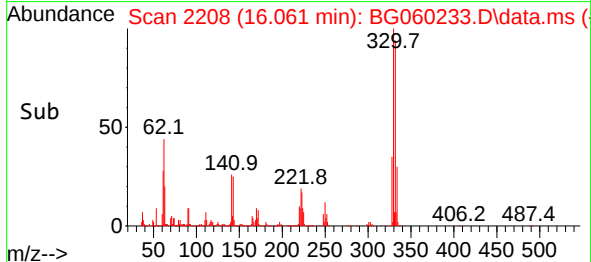
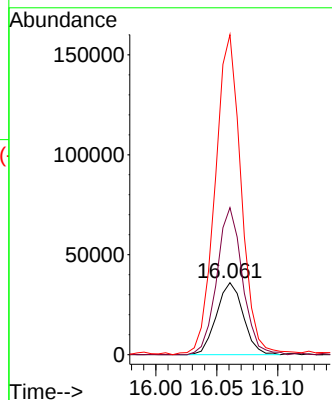
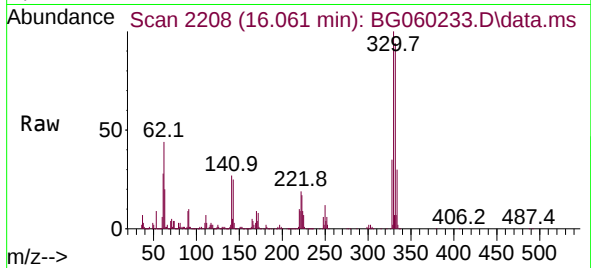




#67
4-Bromophenyl-phenylether
Concen: 2.950 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

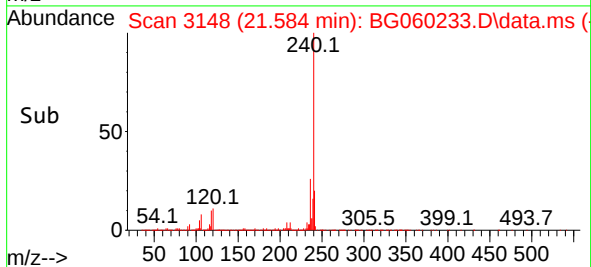
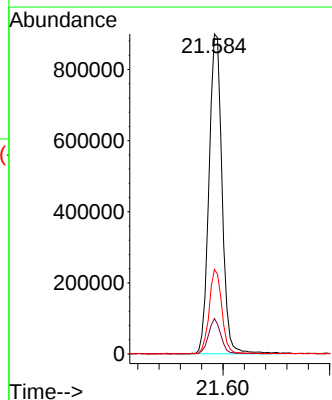
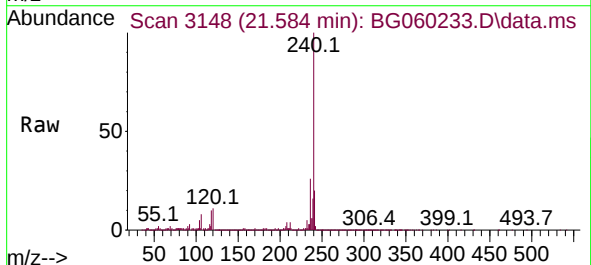
Instrument :
BNA_G
ClientSampleId :
GHL-SS-23

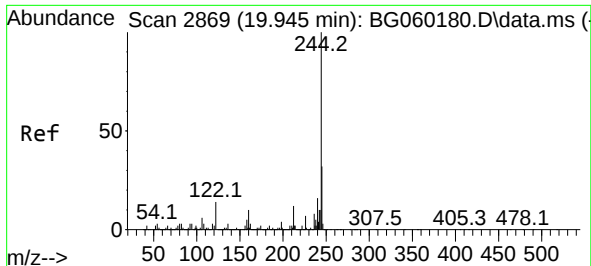
Tgt Ion:248 Resp: 55047
Ion Ratio Lower Upper
248 100
250 156.8 76.2 114.4#
141 341.0 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060233.D
Acq: 3 Jan 2024 18:59

Tgt Ion:240 Resp: 1530022
Ion Ratio Lower Upper
240 100
120 11.1 8.5 12.7
236 26.4 21.4 32.2

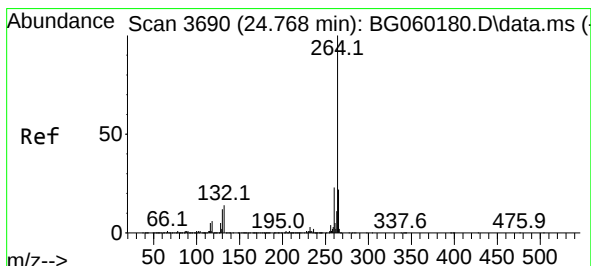
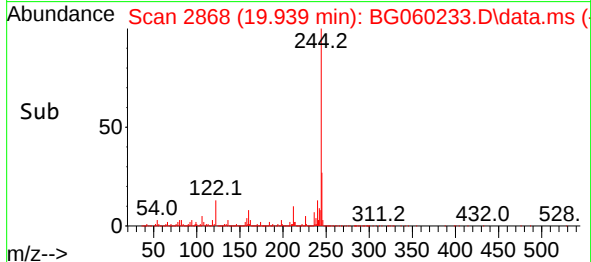
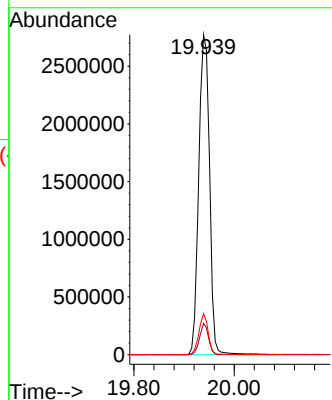
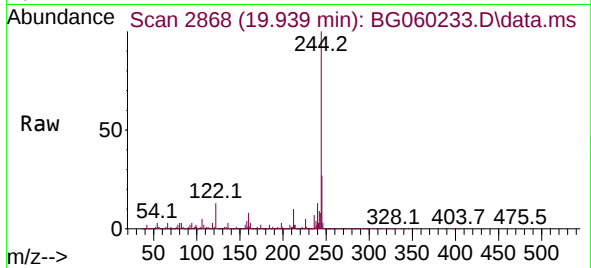




#79
 Terphenyl-d14
 Concen: 51.787 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060233.D
 Acq: 3 Jan 2024 18:59

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-23

Tgt Ion:244 Resp: 4121450
 Ion Ratio Lower Upper
 244 100
 212 9.8 9.5 14.3
 122 12.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.006 min
 Lab File: BG060233.D
 Acq: 3 Jan 2024 18:59

Tgt Ion:264 Resp: 1674430
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.0 27.0
 265 21.4 17.4 26.0

