

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060143.D
 Acq On : 22 Dec 2023 18:12
 Operator : MA/JU
 Sample : 05897-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

Quant Time: Dec 23 05:46:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

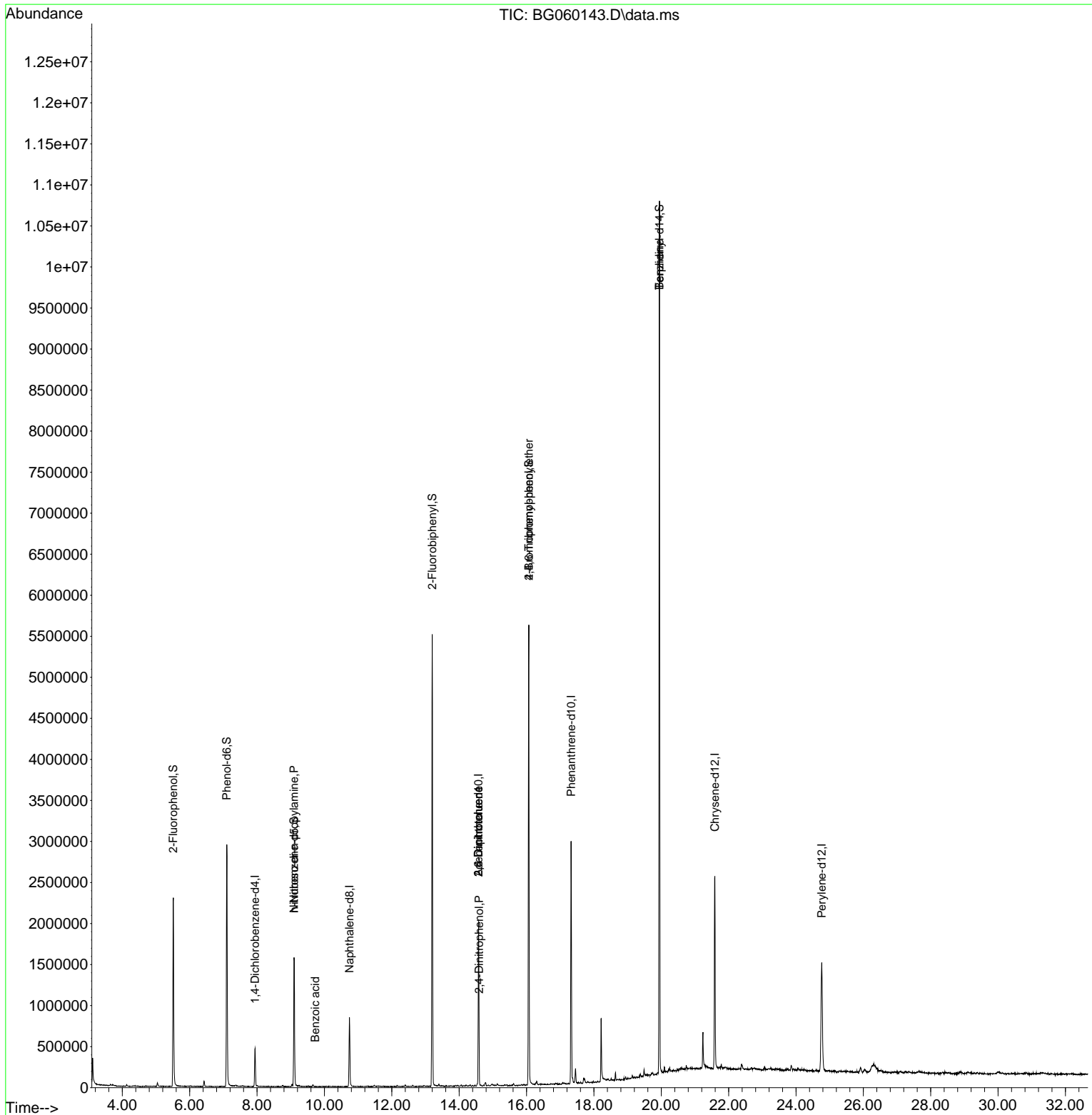
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	147985	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	739779	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	706069	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1962225	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1407273	20.000	ng	0.00
86) Perylene-d12	24.763	264	1465052	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1166235	124.178	ng	0.00
7) Phenol-d6	7.101	99	1908286	120.734	ng	0.00
23) Nitrobenzene-d5	9.099	82	1042552	69.037	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1118929	117.699	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	2943253	62.592	ng	0.00
79) Terphenyl-d14	19.945	244	4796537	61.676	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.099	70	128428	10.450	ng	# 79
32) Benzoic acid	9.728	122	58	5.094	ng	89
51) 2,6-Dinitrotoluene	14.575	165	96768	7.790	ng	# 24
54) 2,4-Dinitrophenol	14.593	184	353	6.658	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	96768	5.307	ng	# 24
67) 4-Bromophenyl-phenylether	16.067	248	69902	3.781	ng	# 1
77) Benzidine	19.945	184	86434	2.272	ng	96

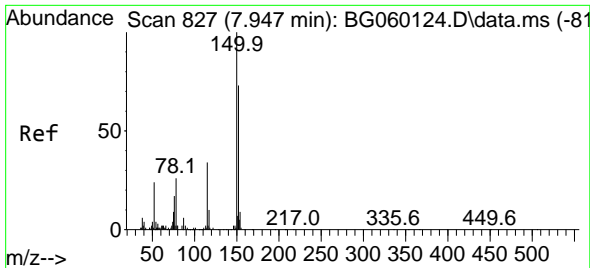
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060143.D
 Acq On : 22 Dec 2023 18:12
 Operator : MA/JU
 Sample : 05897-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GH1-SS-26

Quant Time: Dec 23 05:46:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

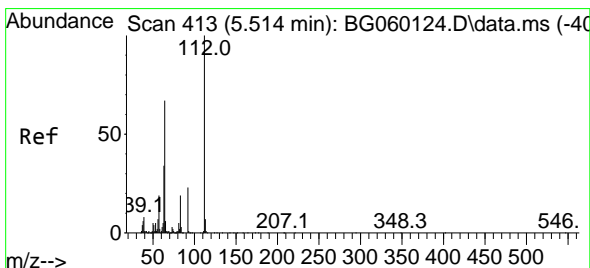
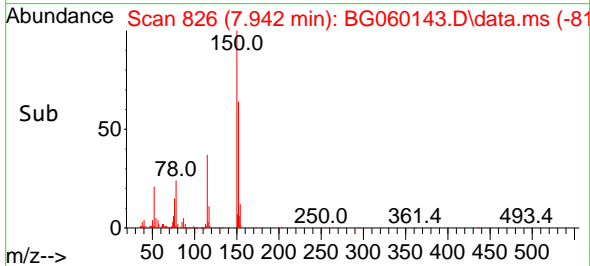
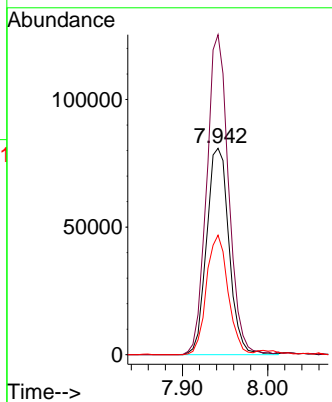
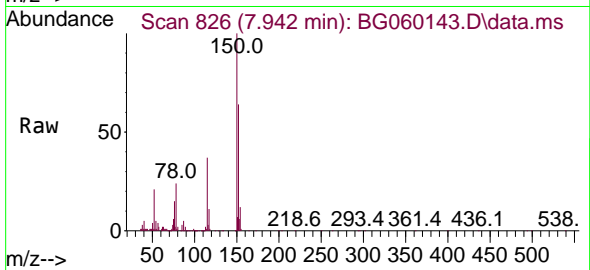




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.942 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

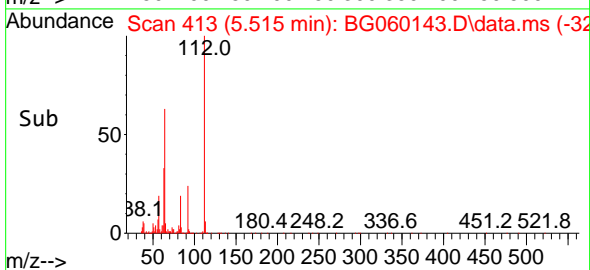
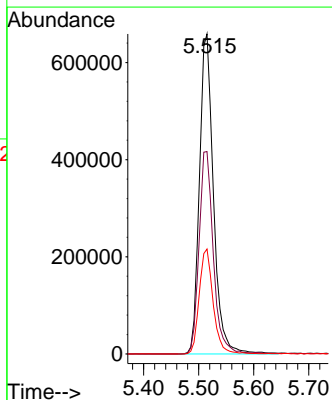
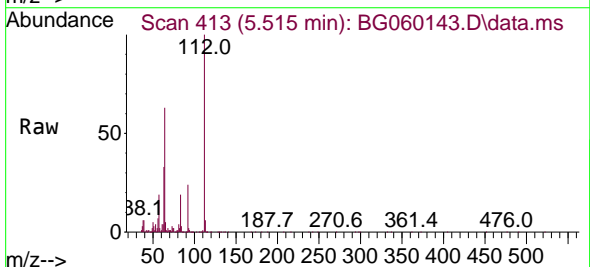
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

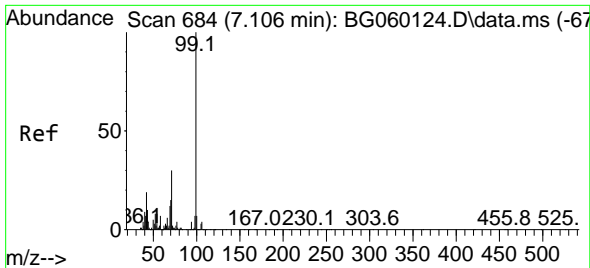
Tgt Ion:152 Resp: 147985
 Ion Ratio Lower Upper
 152 100
 150 155.1 109.4 164.0
 115 58.0 36.5 54.7#



#5
 2-Fluorophenol
 Concen: 124.178 ng
 RT: 5.515 min Scan# 413
 Delta R.T. 0.001 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion:112 Resp: 1166235
 Ion Ratio Lower Upper
 112 100
 64 63.3 53.3 79.9
 63 32.8 27.1 40.7



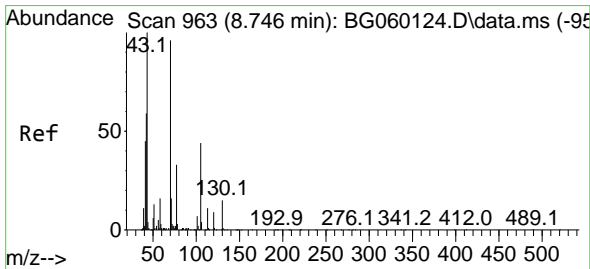
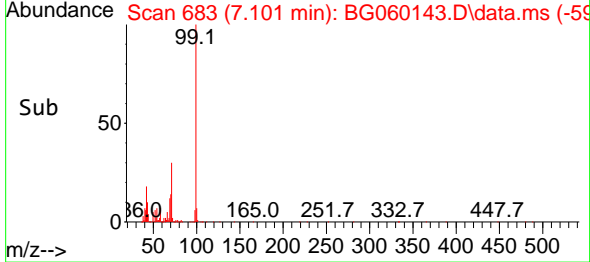
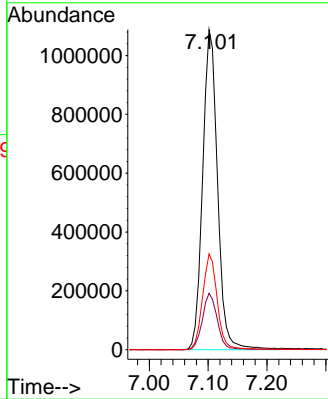
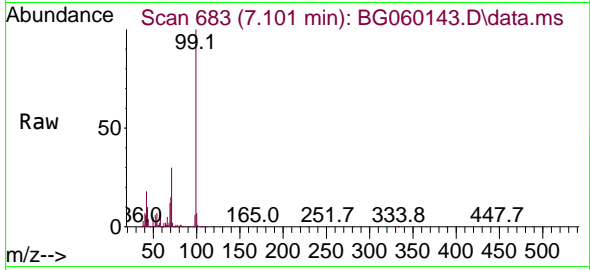


#7
 Phenol-d6
 Concen: 120.734 ng
 RT: 7.101 min Scan# 61
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Instrument : BNA_G
 ClientSampleId : GH-SS-26

Tgt Ion: 99 Resp: 1908286

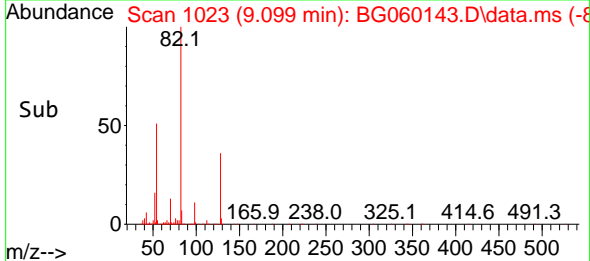
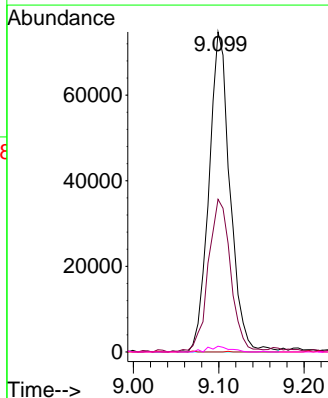
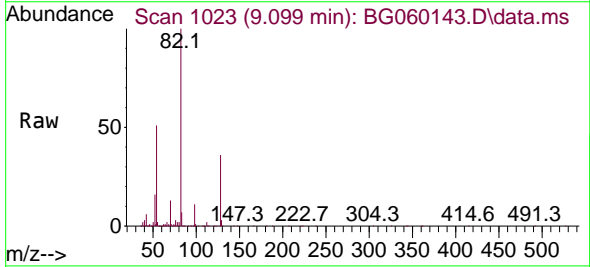
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.2	22.8
71	30.0	24.2	36.2

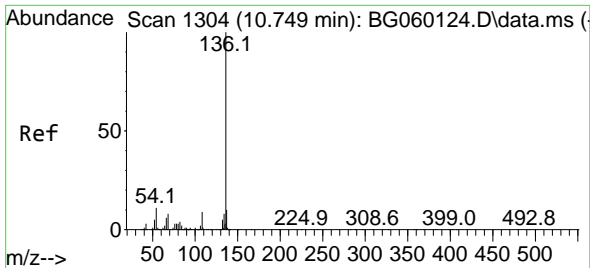


#19
 n-Nitroso-di-n-propylamine
 Concen: 10.450 ng
 RT: 9.099 min Scan# 1023
 Delta R.T. 0.354 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion: 70 Resp: 128428

Ion	Ratio	Lower	Upper
70	100		
42	47.7	49.6	74.4#
101	0.0	6.2	9.4#
130	1.8	12.2	18.2#



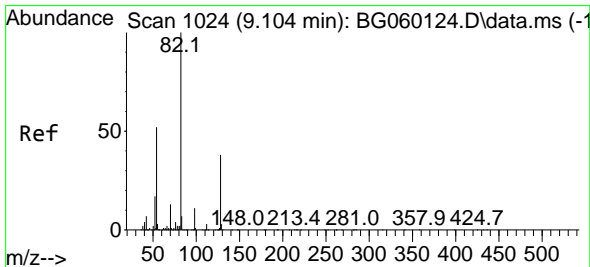
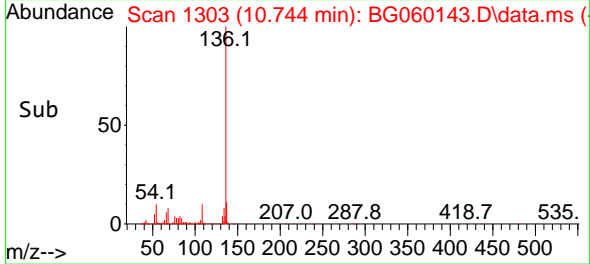
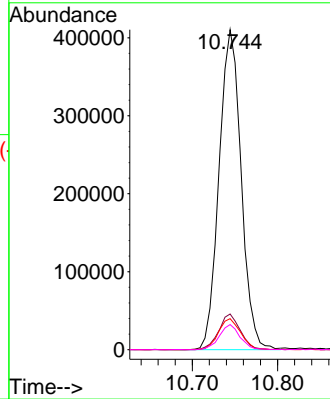
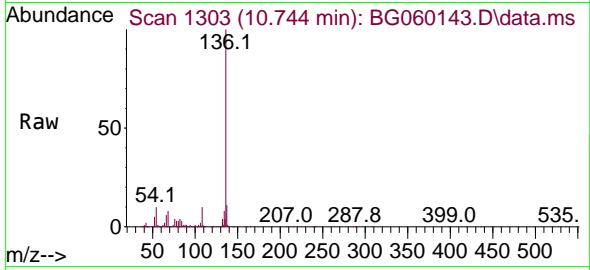


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.744 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

Tgt Ion: 136 Resp: 739779

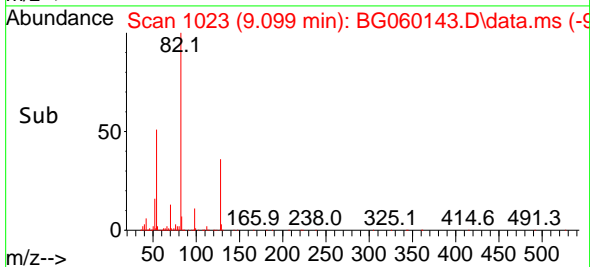
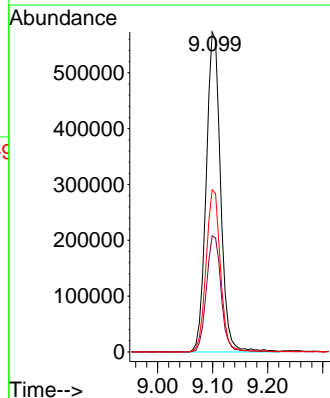
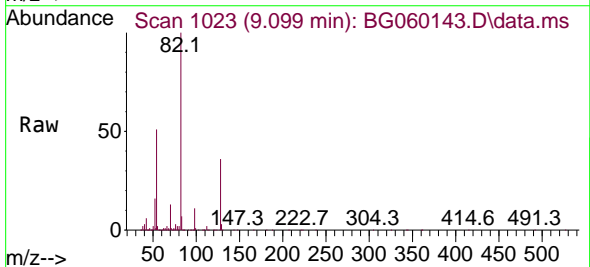
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.1	12.1
54	9.7	8.7	13.1
68	7.9	6.2	9.4

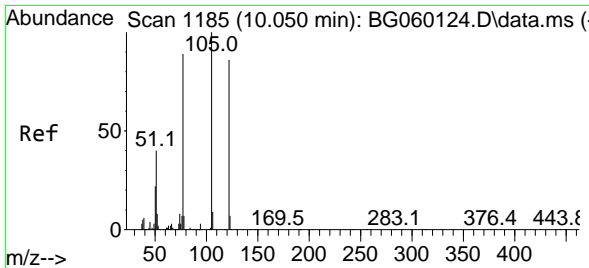


#23
 Nitrobenzene-d5
 Concen: 69.037 ng
 RT: 9.099 min Scan# 1023
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion: 82 Resp: 1042552

Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.5	45.7
54	50.7	41.9	62.9

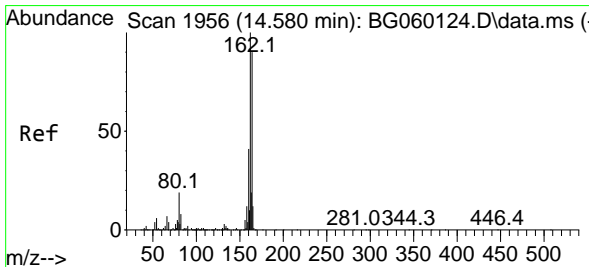
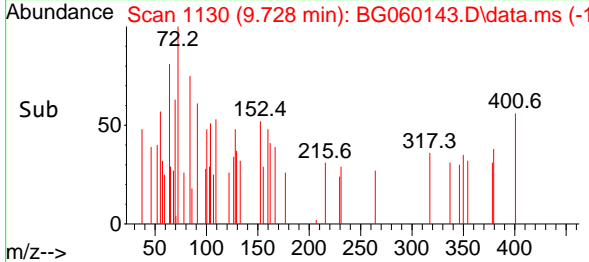
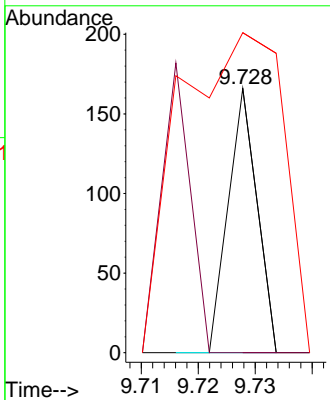
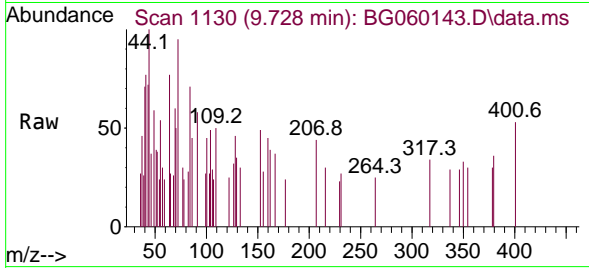




#32
 Benzoic acid
 Concen: 5.094 ng
 RT: 9.728 min Scan# 1185
 Delta R.T. -0.322 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

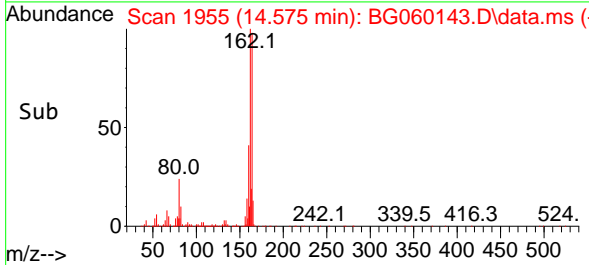
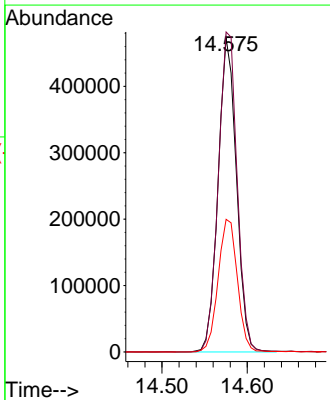
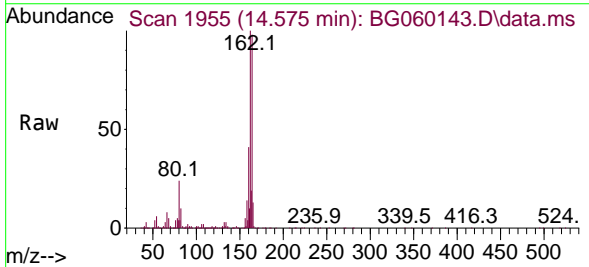
Instrument : BNA_G
 Client Sample Id : GH-SS-26

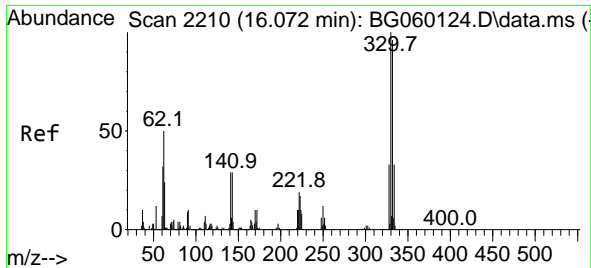
Tgt Ion	Resp	Lower	Upper
122	58		
105	116.9	93.2	133.2
77	121.1	81.7	121.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.575 min Scan# 1955
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

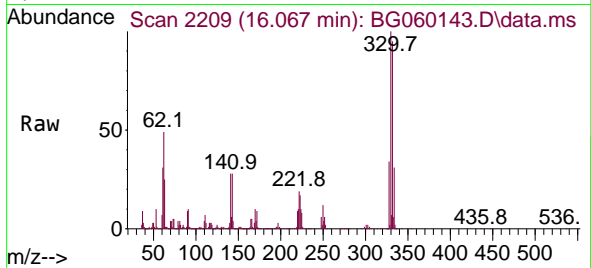
Tgt Ion	Resp	Lower	Upper
164	706069		
162	101.9	88.5	132.7
160	42.3	36.2	54.2



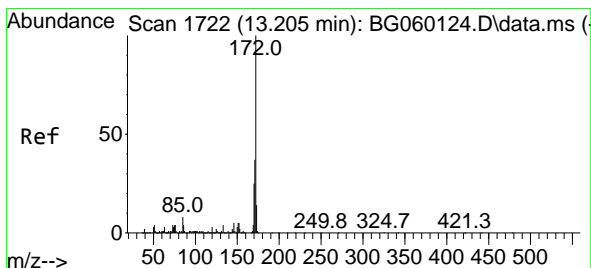
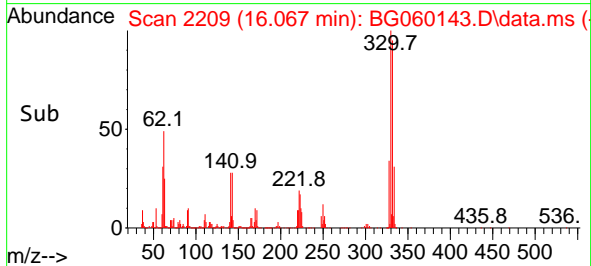
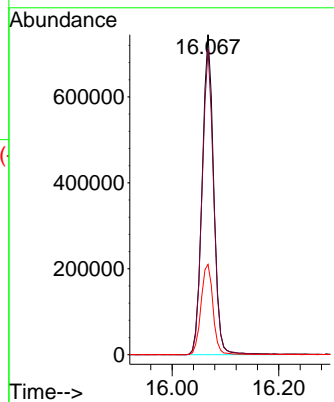


#42
 2,4,6-Tribromophenol
 Concen: 117.699 ng
 RT: 16.067 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

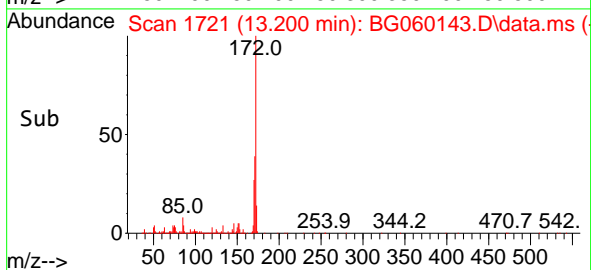
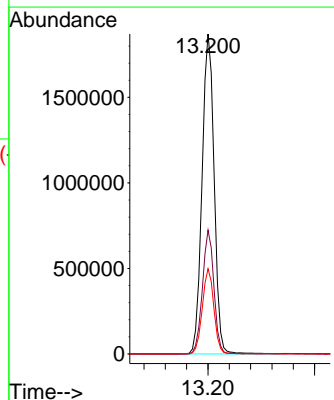
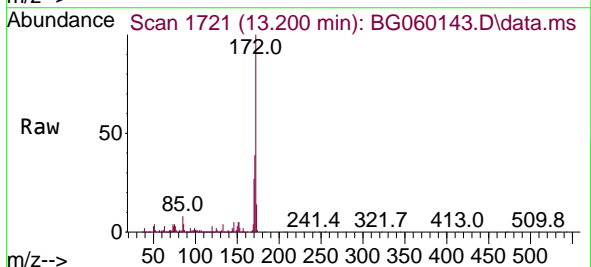


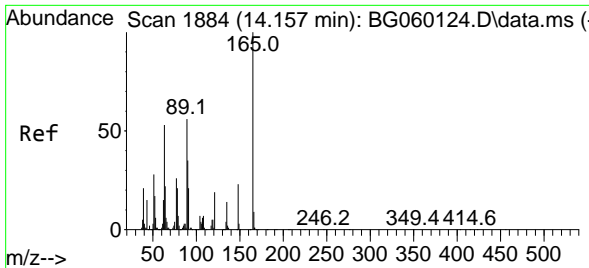
Tgt Ion:330 Resp: 1118929
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.5 113.3
 141 29.2 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 62.592 ng
 RT: 13.200 min Scan# 1721
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion:172 Resp: 2943253
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.2 43.8
 170 26.7 20.1 30.1



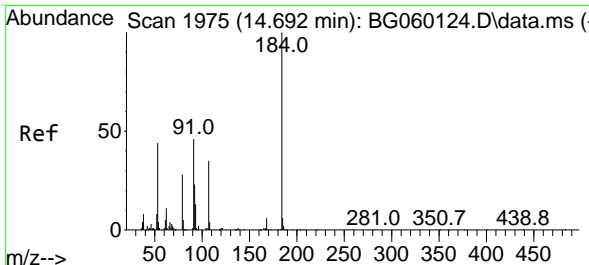
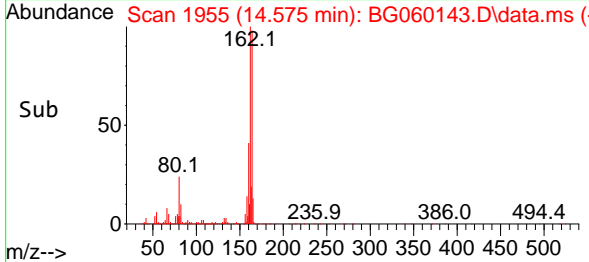
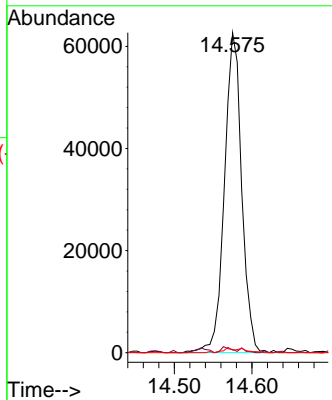
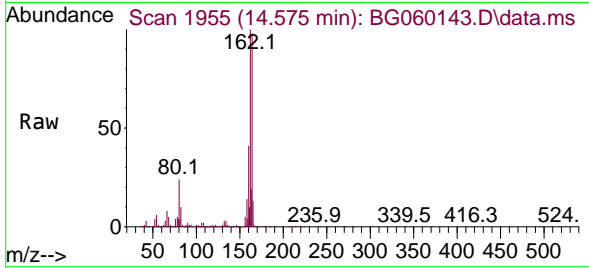


#51
 2,6-Dinitrotoluene
 Concen: 7.790 ng
 RT: 14.575 min Scan# 1955
 Delta R.T. 0.418 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

Tgt Ion:165 Resp: 96768

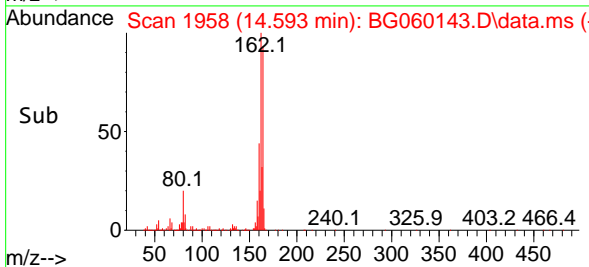
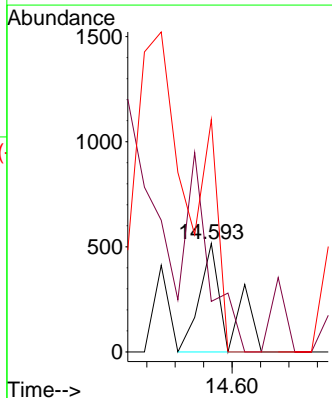
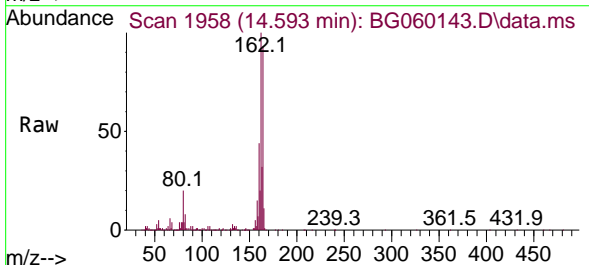
Ion	Ratio	Lower	Upper
165	100		
63	1.0	45.4	68.2#
89	0.8	44.6	66.8#

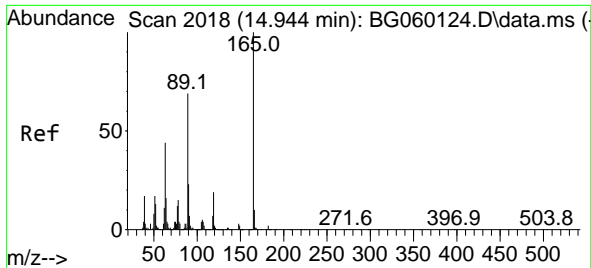


#54
 2,4-Dinitrophenol
 Concen: 6.658 ng
 RT: 14.593 min Scan# 1958
 Delta R.T. -0.099 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion:184 Resp: 353

Ion	Ratio	Lower	Upper
184	100		
63	46.5	48.1	72.1#
154	214.1	44.3	66.5#

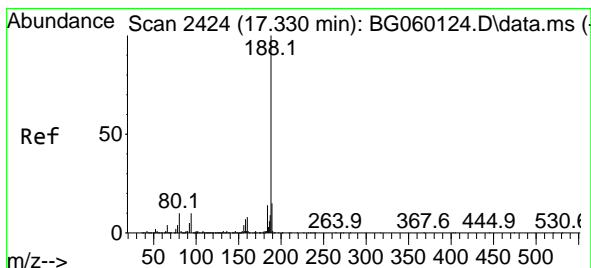
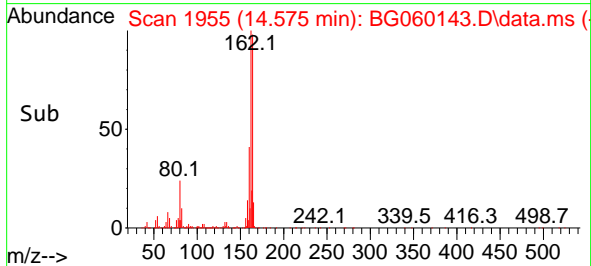
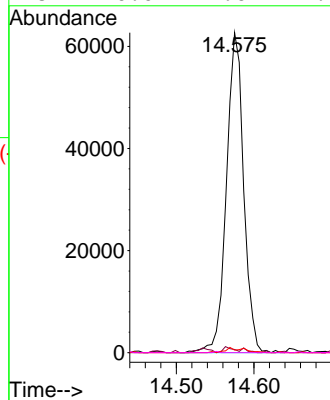
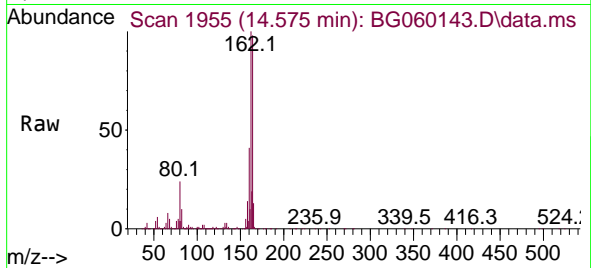




#57
 2,4-Dinitrotoluene
 Concen: 5.307 ng
 RT: 14.575 min Scan# 14
 Delta R.T. -0.369 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

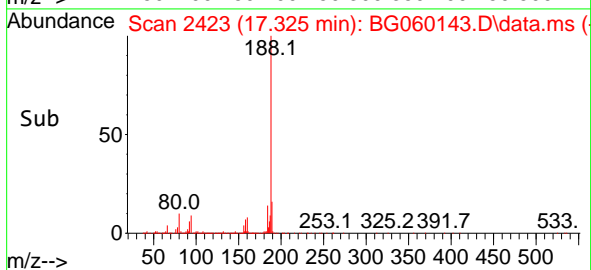
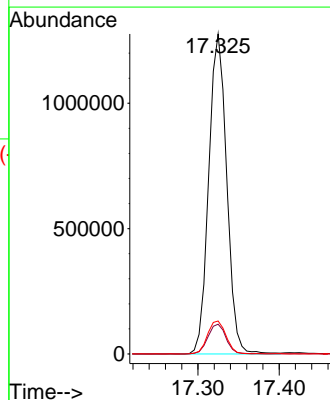
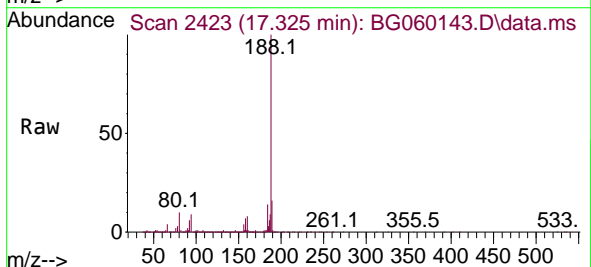
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

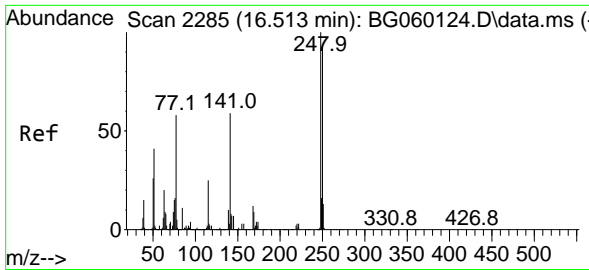
Tgt Ion	Resp	Lower	Upper
165	96768		
63	1.0	35.4	53.0#
89	0.8	55.6	83.4#
182	0.0	1.6	2.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.325 min Scan# 2423
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion	Resp	Lower	Upper
188	1962225		
94	9.3	7.6	11.4
80	10.3	7.9	11.9

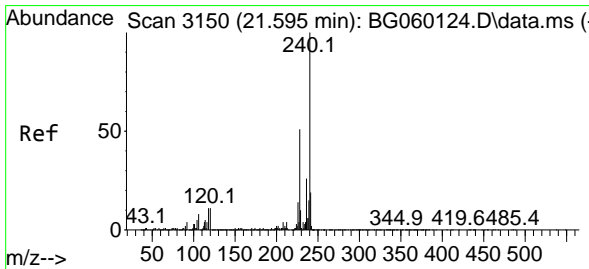
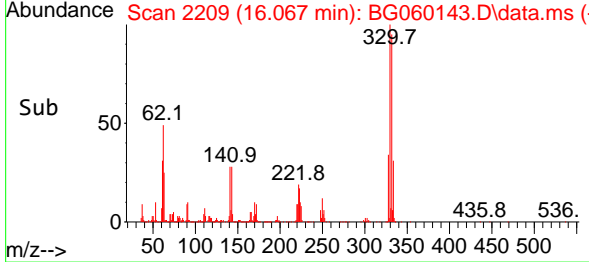
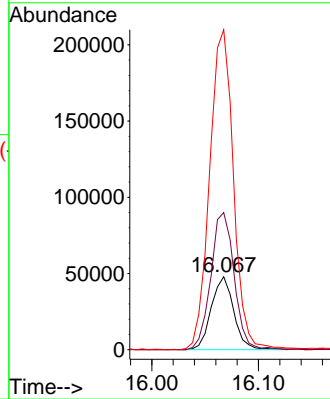
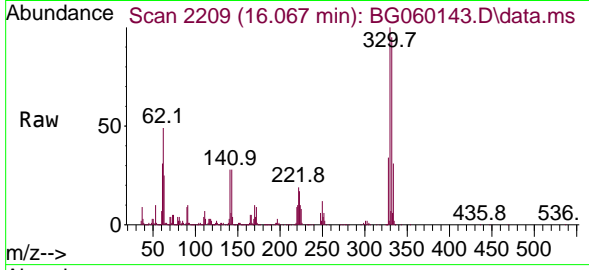




#67
 4-Bromophenyl-phenylether
 Concen: 3.781 ng
 RT: 16.067 min Scan# 21
 Delta R.T. -0.445 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

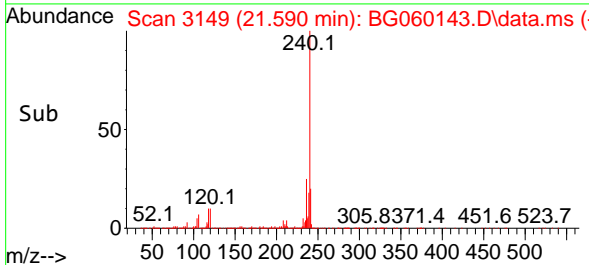
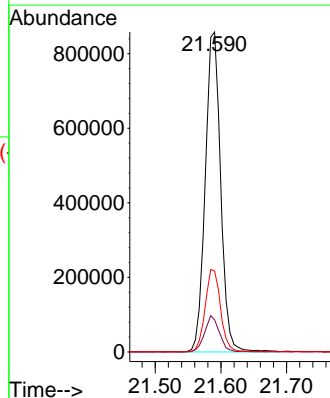
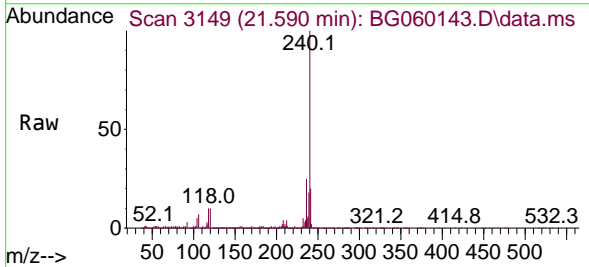
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

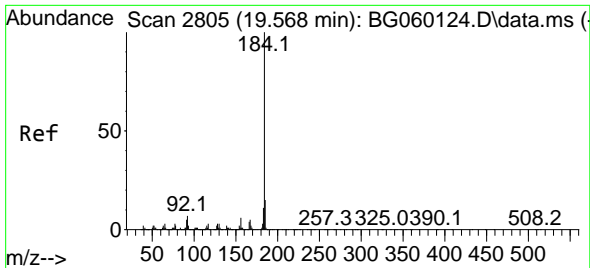
Tgt Ion:248 Resp: 69902
 Ion Ratio Lower Upper
 248 100
 250 187.9 74.5 111.7#
 141 438.6 47.4 71.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.590 min Scan# 3149
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion:240 Resp: 1407273
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.0 13.6
 236 25.3 20.4 30.6

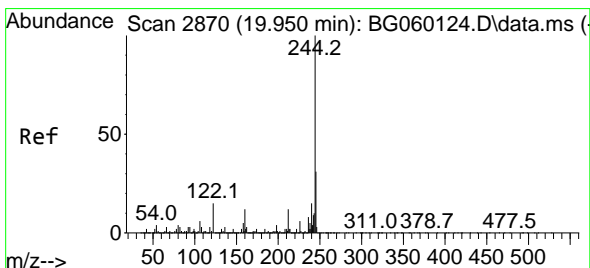
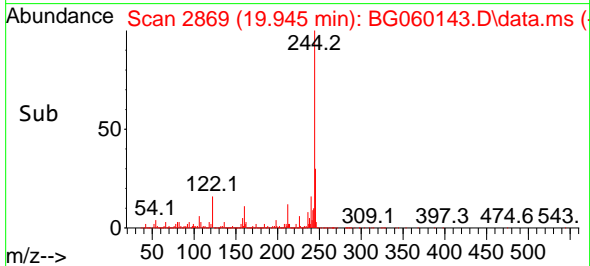
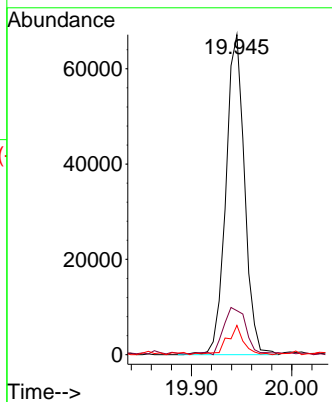
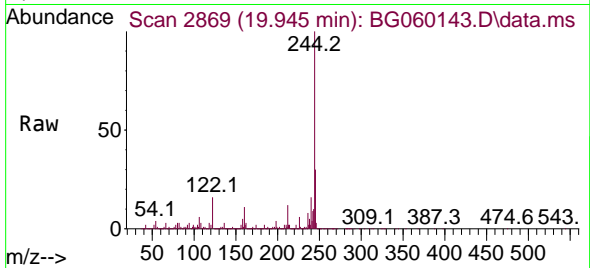




#77
 Benzidine
 Concen: 2.272 ng
 RT: 19.945 min Scan# 2869
 Delta R.T. 0.377 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

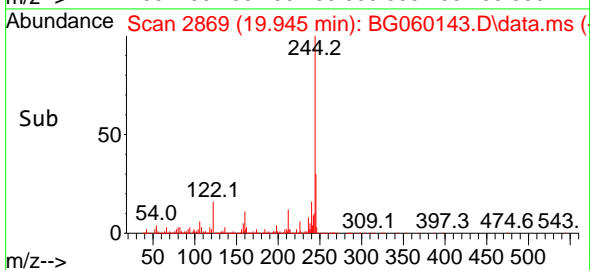
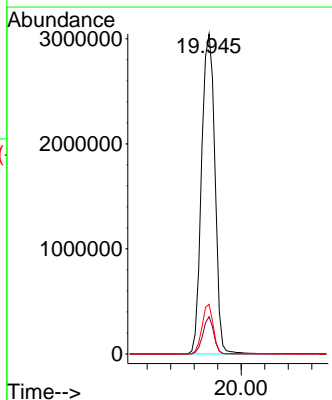
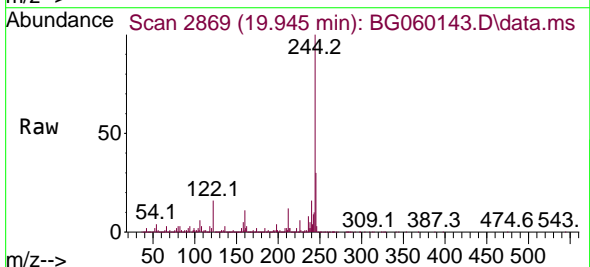
Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

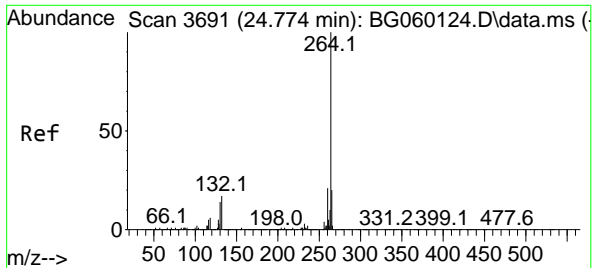
Tgt Ion:184 Resp: 86434
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.7 17.5
 183 9.2 9.0 13.6



#79
 Terphenyl-d14
 Concen: 61.676 ng
 RT: 19.945 min Scan# 2869
 Delta R.T. -0.005 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Tgt Ion:244 Resp: 4796537
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.5 14.3
 122 15.5 12.2 18.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.763 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG060143.D
 Acq: 22 Dec 2023 18:12

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

Tgt Ion:264 Resp: 1465052

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.1	25.7
265	22.0	16.0	24.0

