

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060136.D
 Acq On : 22 Dec 2023 13:29
 Operator : MA/JU
 Sample : 05898-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SD-73

Quant Time: Dec 22 14:01:33 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)

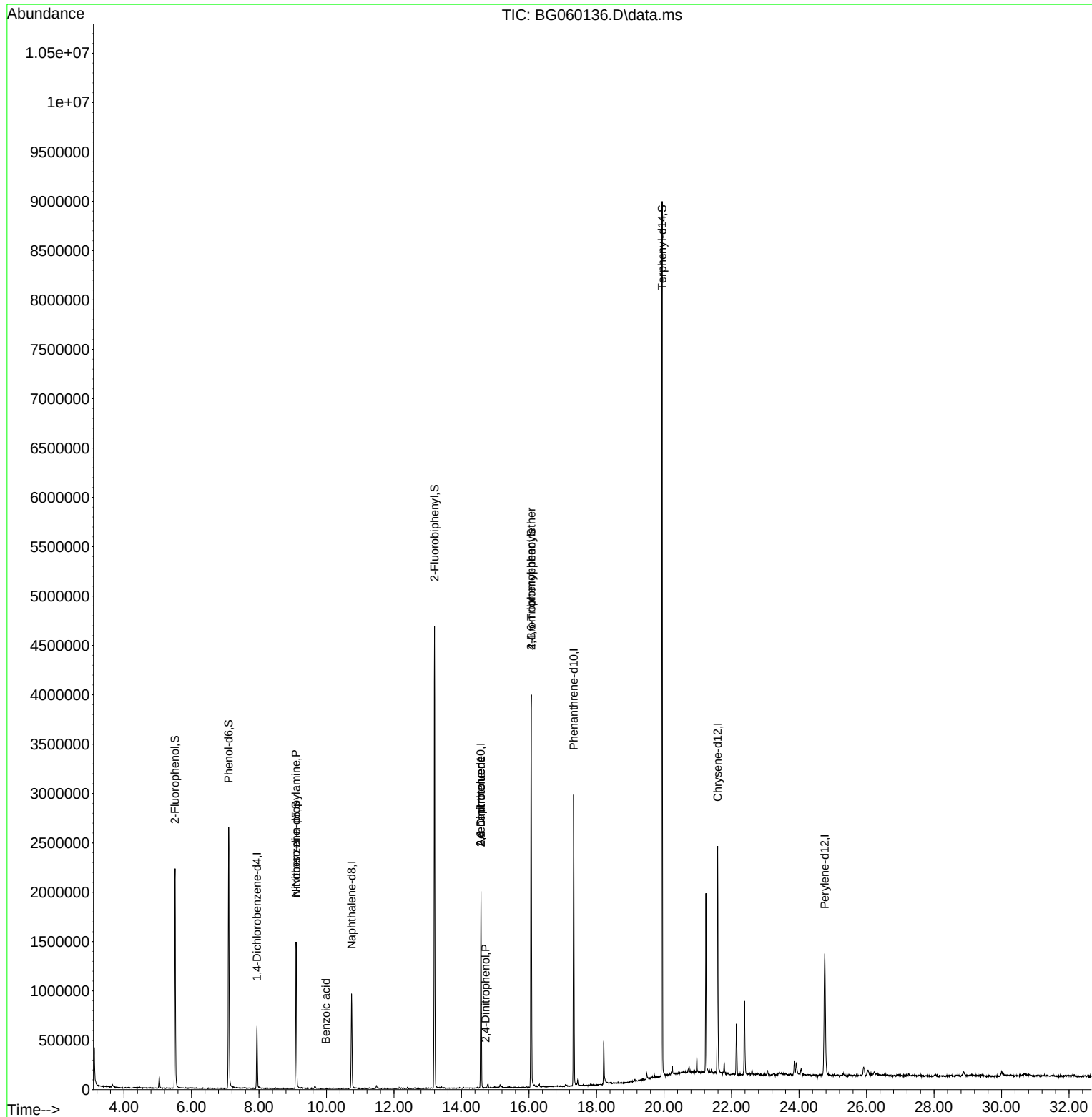
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	188998	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	837982	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	717431	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1865467	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1302681	20.000	ng	0.00
86) Perylene-d12	24.763	264	1344237	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1088460	90.747	ng	0.00
7) Phenol-d6	7.101	99	1655309	82.002	ng	0.00
23) Nitrobenzene-d5	9.099	82	980359	57.311	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	806968	83.540	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	2598057	54.376	ng	0.00
79) Terphenyl-d14	19.945	244	4095165	56.885	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	118157	7.528	ng	# 77
32) Benzoic acid	9.980	122	75	5.094	ng	# 81
51) 2,6-Dinitrotoluene	14.575	165	92307	7.313	ng	# 24
54) 2,4-Dinitrophenol	14.710	184	97	6.629	ng	# 43
57) 2,4-Dinitrotoluene	14.575	165	92307	4.982	ng	# 24
67) 4-Bromophenyl-phenylether	16.067	248	49984	2.844	ng	# 1

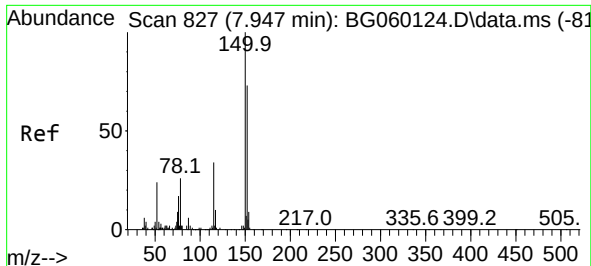
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

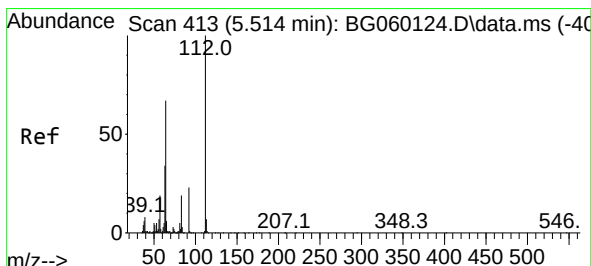
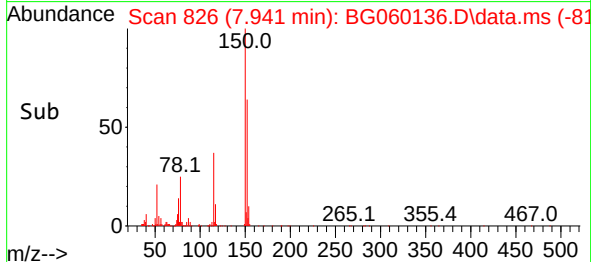
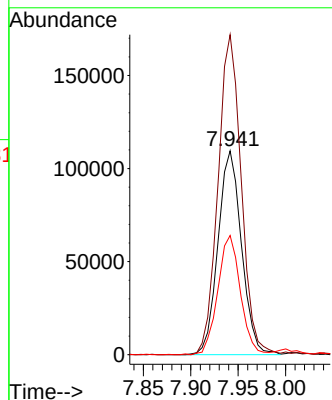
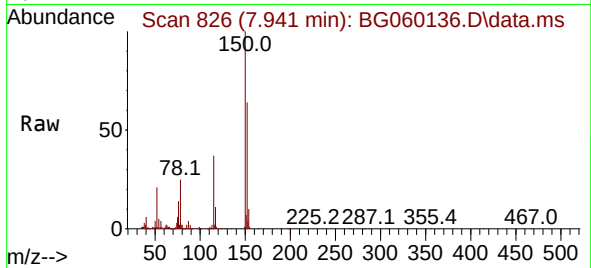




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

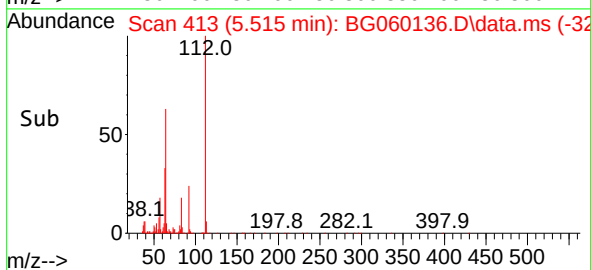
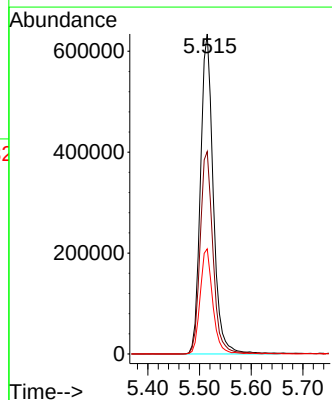
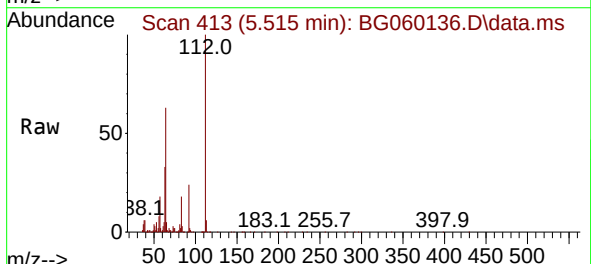
Instrument :
BNA_G
ClientSampleId :
GHL-SD-73

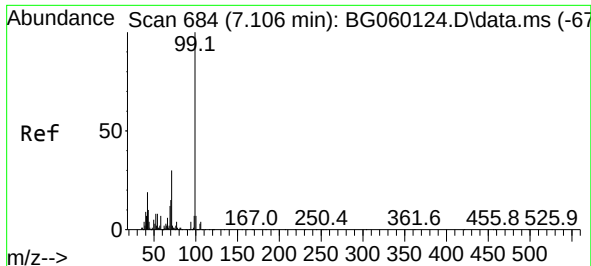
Tgt Ion:152 Resp: 188998
Ion Ratio Lower Upper
152 100
150 157.0 109.4 164.0
115 58.5 36.5 54.7#



#5
2-Fluorophenol
Concen: 90.747 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

Tgt Ion:112 Resp: 1088460
Ion Ratio Lower Upper
112 100
64 63.3 53.3 79.9
63 32.9 27.1 40.7

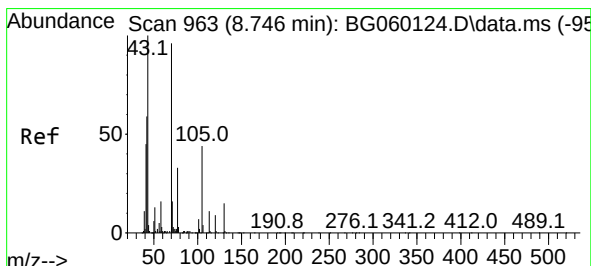
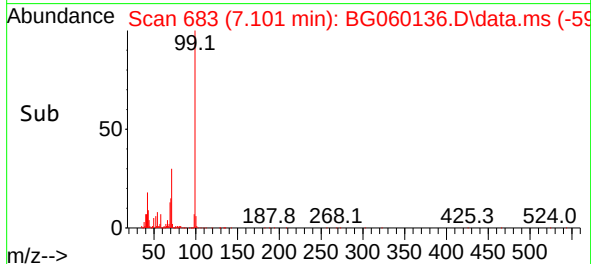
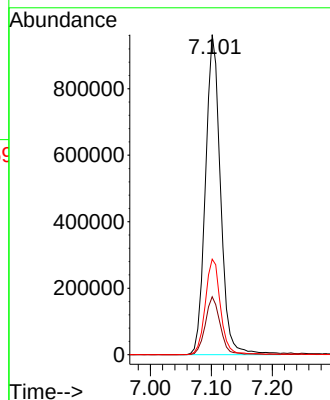
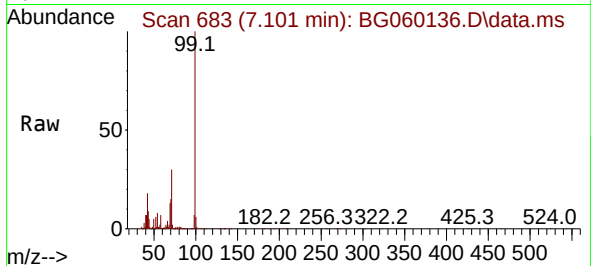




#7
Phenol-d6
Concen: 82.002 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

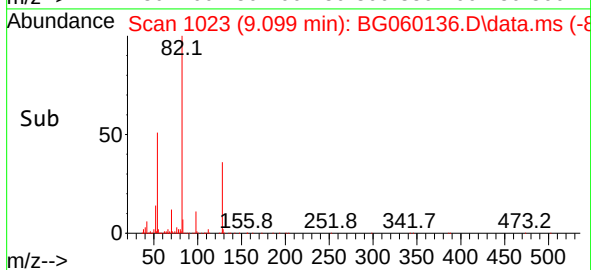
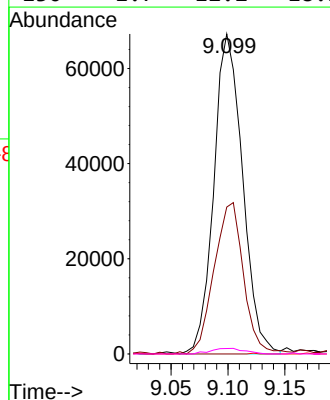
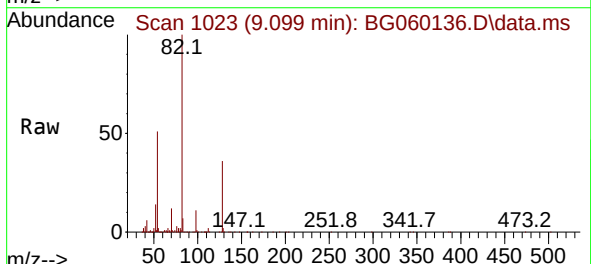
Instrument :
BNA_G
ClientSampleId :
GHL-SD-73

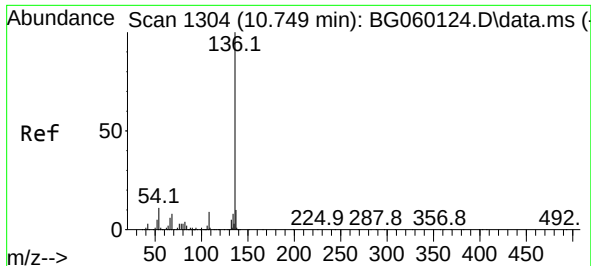
Tgt Ion: 99 Resp: 1655309
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 29.9 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.528 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.353 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

Tgt Ion: 70 Resp: 118157
Ion Ratio Lower Upper
70 100
42 45.9 49.6 74.4#
101 0.0 6.2 9.4#
130 1.7 12.2 18.2#

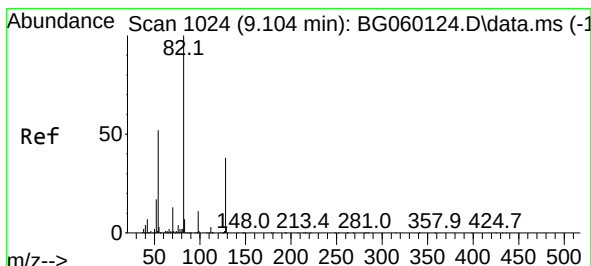
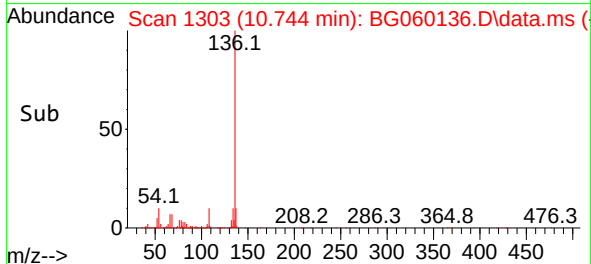
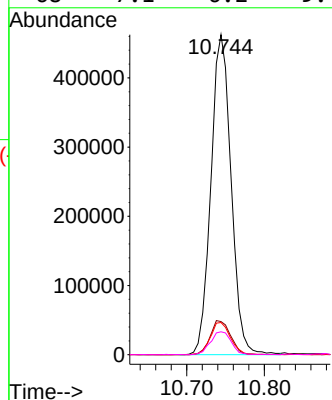
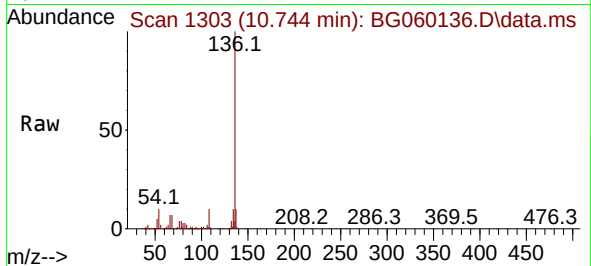




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

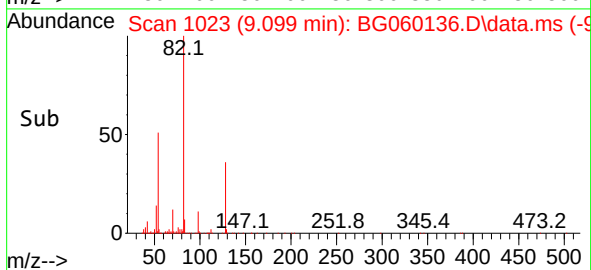
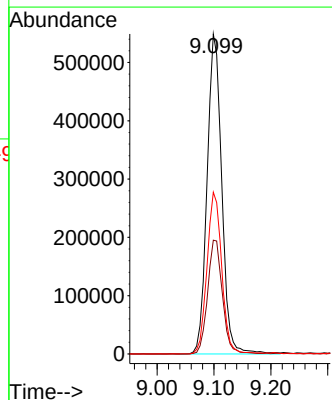
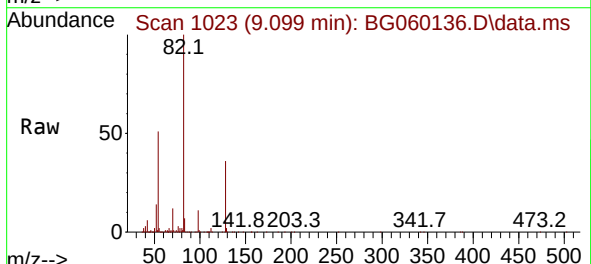
Instrument :
BNA_G
ClientSampleId :
GHL-SD-73

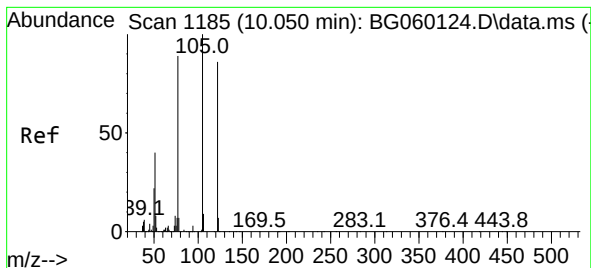
Tgt Ion:	136	Resp:	837982
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	10.1	8.7	13.1
68	7.1	6.2	9.4



#23
Nitrobenzene-d5
Concen: 57.311 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

Tgt Ion:	82	Resp:	980359
Ion	Ratio	Lower	Upper
82	100		
128	35.6	30.5	45.7
54	50.6	41.9	62.9





#32

Benzoic acid

Concen: 5.094 ng

RT: 9.980 min Scan# 1185

Delta R.T. -0.070 min

Lab File: BG060136.D

Acq: 22 Dec 2023 13:29

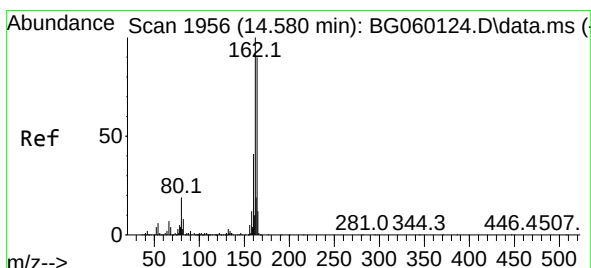
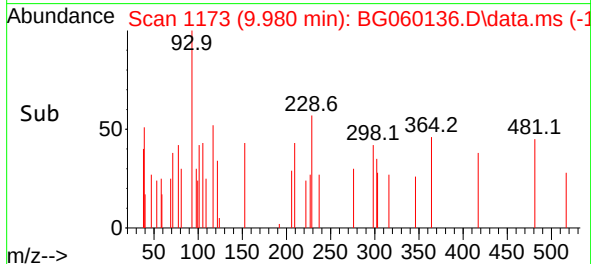
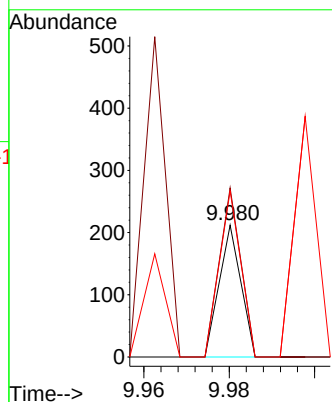
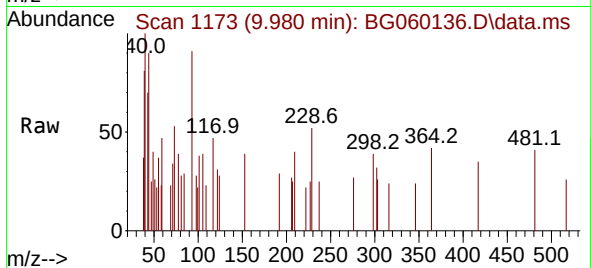
Instrument :

BNA_G

ClientSampleId :

GHL-SD-73

Tgt Ion:	122	Resp:	75
Ion	Ratio	Lower	Upper
122	100		
105	128.3	93.2	133.2
77	125.9	81.7	121.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

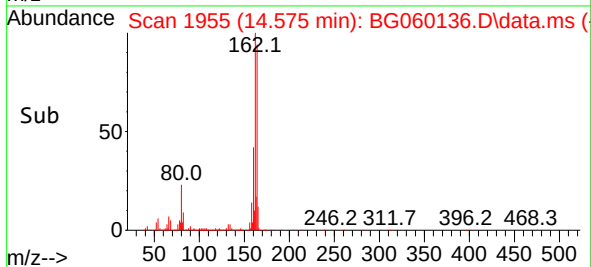
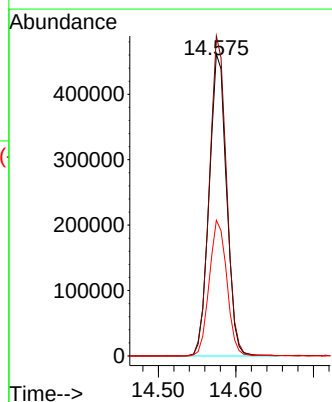
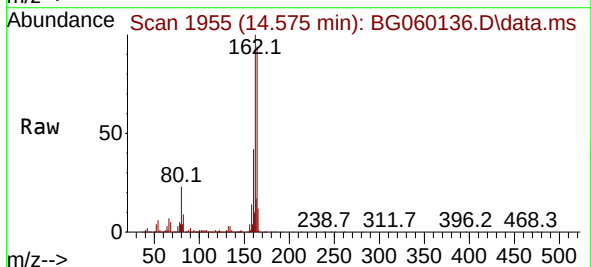
RT: 14.575 min Scan# 1955

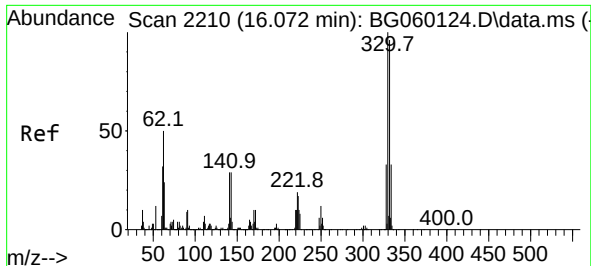
Delta R.T. -0.005 min

Lab File: BG060136.D

Acq: 22 Dec 2023 13:29

Tgt Ion:	164	Resp:	717431
Ion	Ratio	Lower	Upper
164	100		
162	106.0	88.5	132.7
160	45.0	36.2	54.2

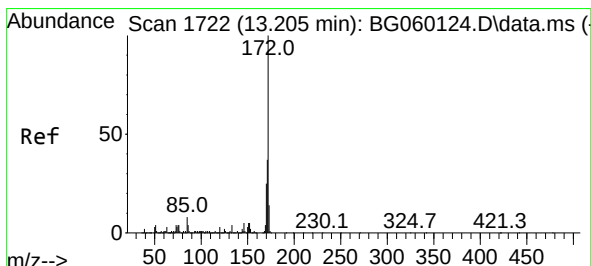
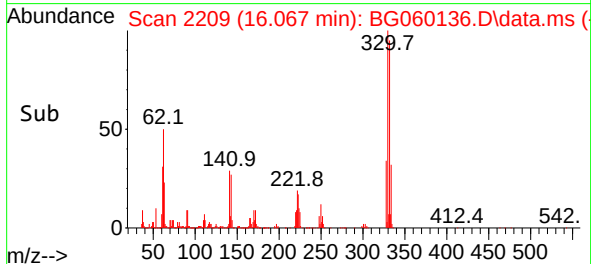
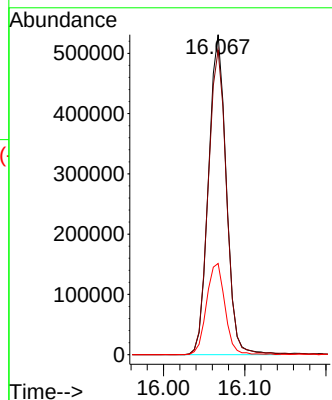
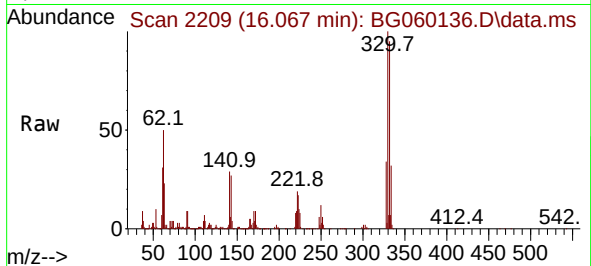




#42
2,4,6-Tribromophenol
Concen: 83.540 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

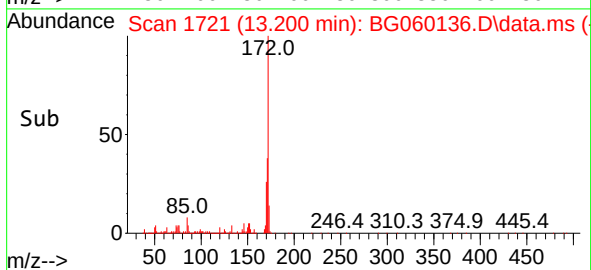
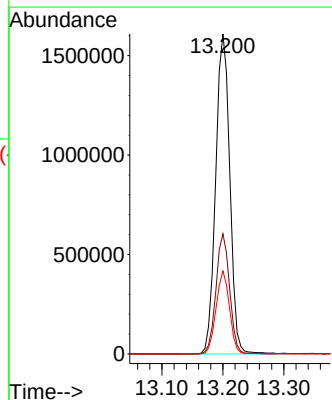
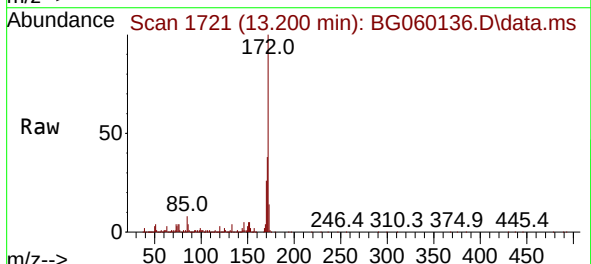
Instrument :
BNA_G
ClientSampleId :
GHL-SD-73

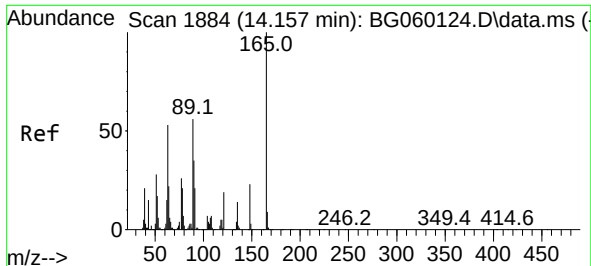
Tgt Ion:330 Resp: 806968
Ion Ratio Lower Upper
330 100
332 97.8 75.5 113.3
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 54.376 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

Tgt Ion:172 Resp: 2598057
Ion Ratio Lower Upper
172 100
171 37.5 29.2 43.8
170 26.0 20.1 30.1

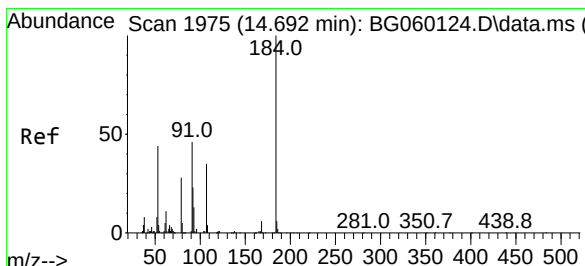
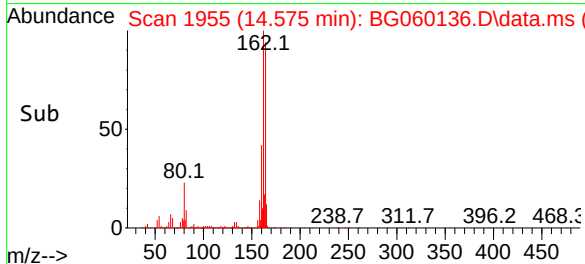
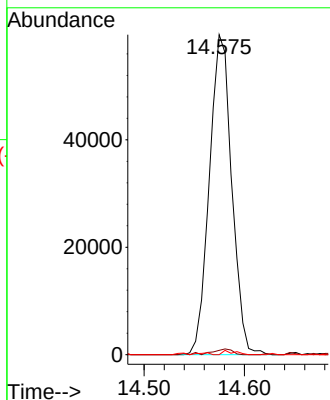
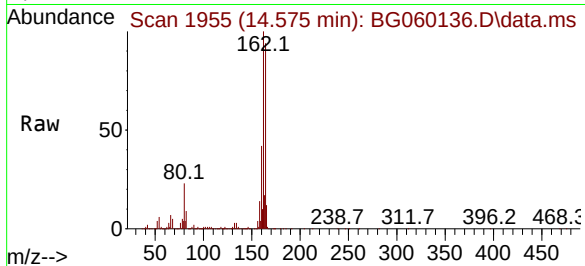




#51
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.418 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

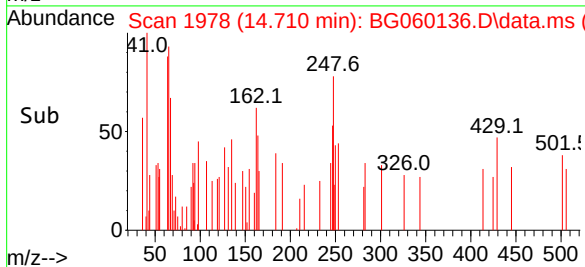
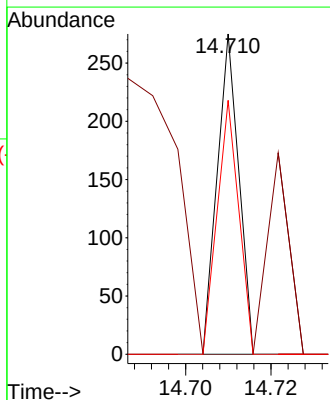
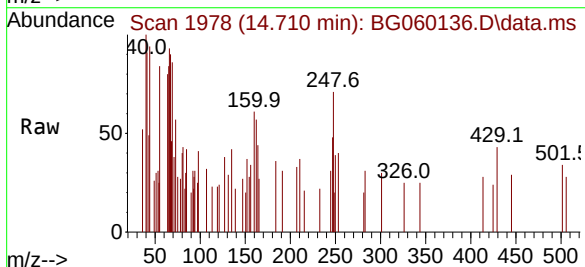
Instrument :
BNA_G
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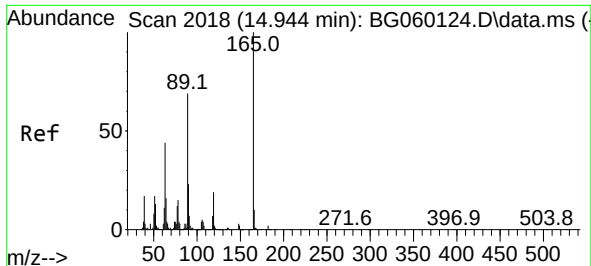
Tgt Ion:165 Resp: 92307
Ion Ratio Lower Upper
165 100
63 1.3 45.4 68.2#
89 0.0 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.629 ng
RT: 14.710 min Scan# 1978
Delta R.T. 0.018 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

Tgt Ion:184 Resp: 97
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 79.3 44.3 66.5#

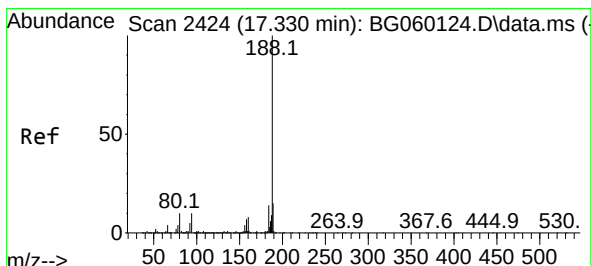
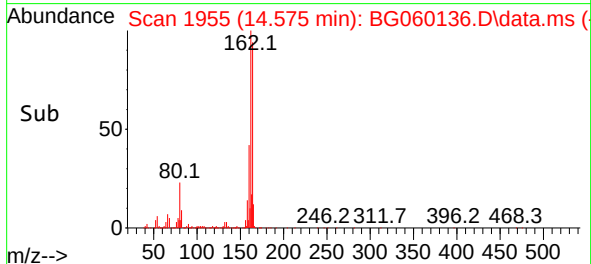
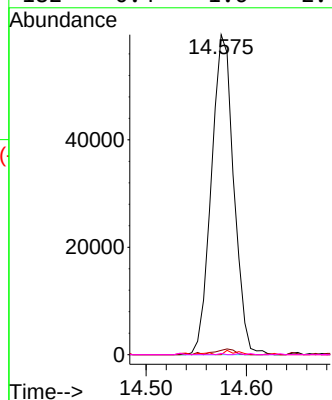
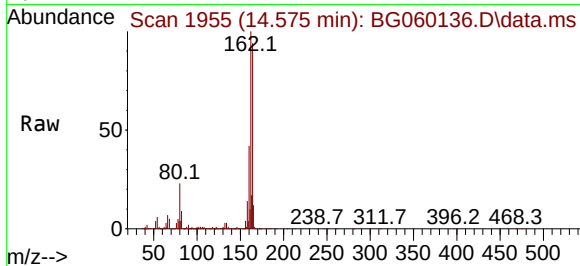




#57
2,4-Dinitrotoluene
Concen: 4.982 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.369 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

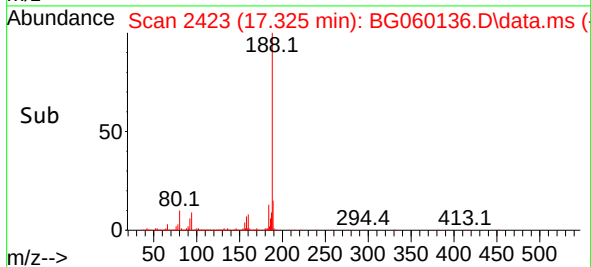
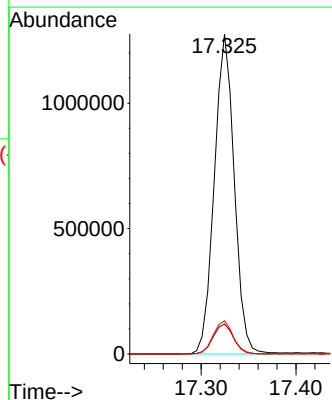
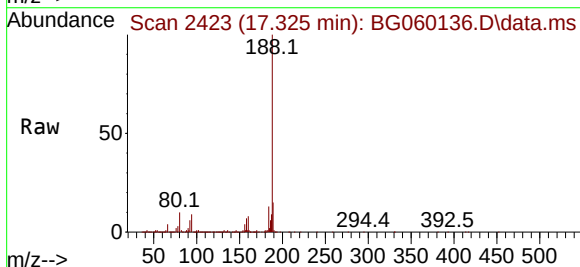
Instrument :
BNA_G
ClientSampleId :
GHL-SD-73

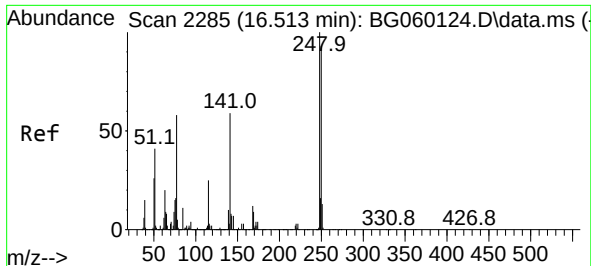
Tgt Ion:165 Resp: 92307
Ion Ratio Lower Upper
165 100
63 1.3 35.4 53.0#
89 0.0 55.6 83.4#
182 0.4 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

Tgt Ion:188 Resp: 1865467
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.4 7.9 11.9

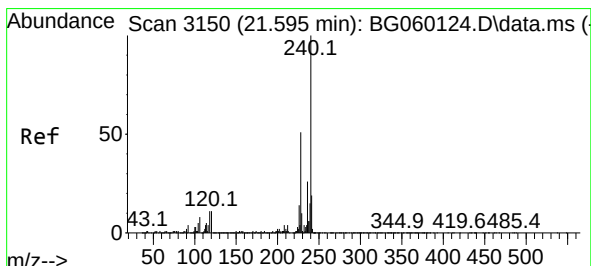
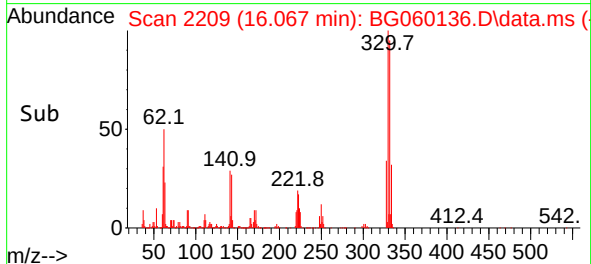
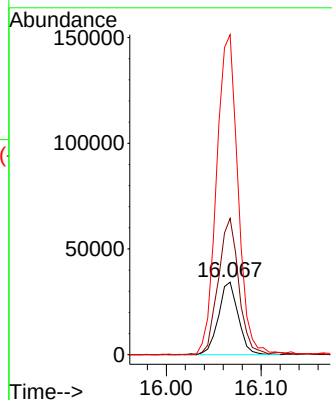
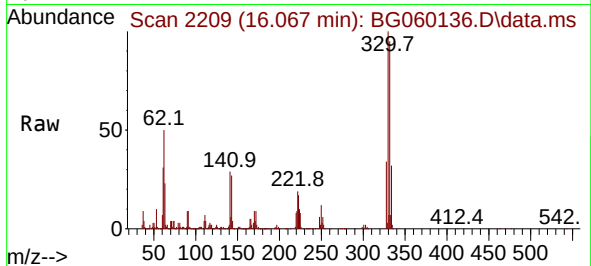




#67
4-Bromophenyl-phenylether
Concen: 2.844 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

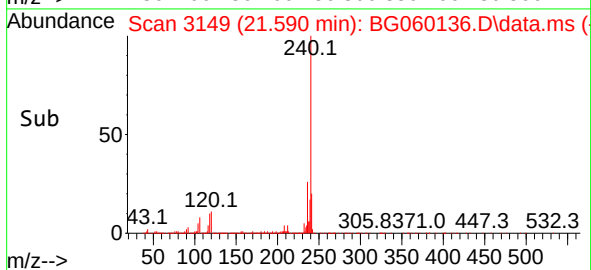
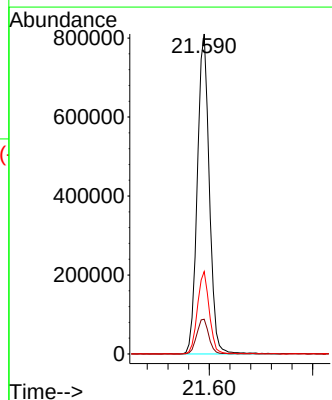
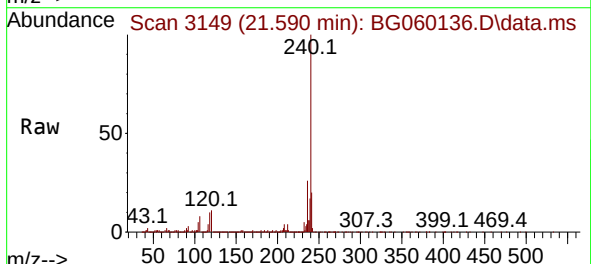
Instrument :
BNA_G
ClientSampleId :
GHL-SD-73

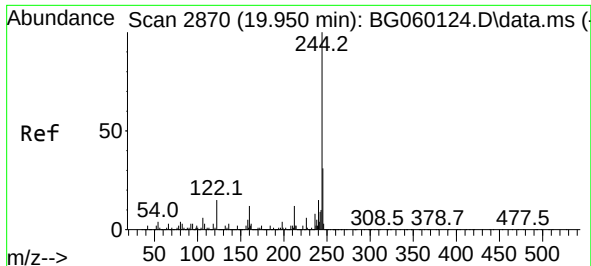
Tgt Ion:248 Resp: 49984
Ion Ratio Lower Upper
248 100
250 188.2 74.5 111.7#
141 441.6 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BG060136.D
Acq: 22 Dec 2023 13:29

Tgt Ion:240 Resp: 1302681
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.8 20.4 30.6

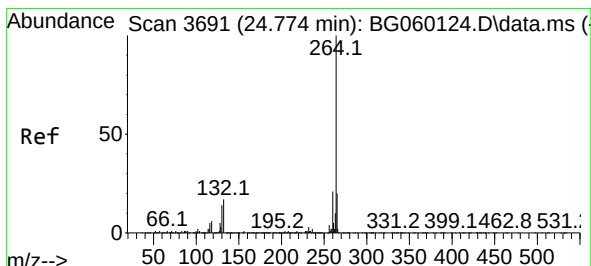
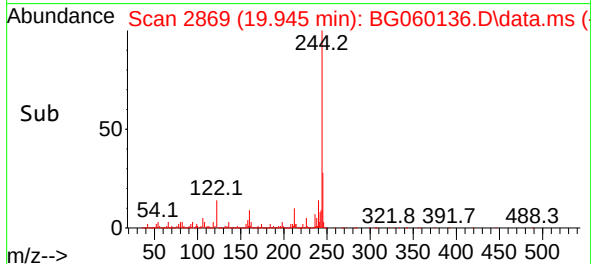
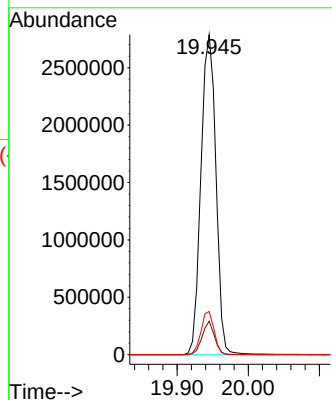
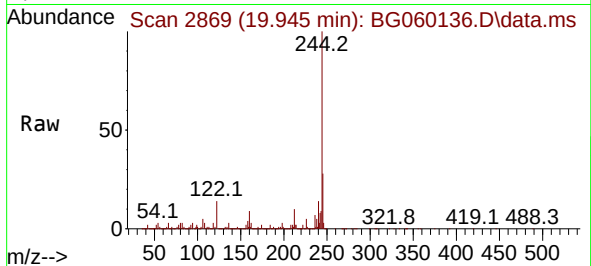




#79
 Terphenyl-d14
 Concen: 56.885 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG060136.D
 Acq: 22 Dec 2023 13:29

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SD-73

Tgt Ion:244 Resp: 4095165
 Ion Ratio Lower Upper
 244 100
 212 10.5 9.5 14.3
 122 13.5 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.763 min Scan# 3689
 Delta R.T. -0.011 min
 Lab File: BG060136.D
 Acq: 22 Dec 2023 13:29

Tgt Ion:264 Resp: 1344237
 Ion Ratio Lower Upper
 264 100
 260 21.2 17.1 25.7
 265 19.3 16.0 24.0

