

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060135.D
 Acq On : 22 Dec 2023 12:49
 Operator : MA/JU
 Sample : 05898-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-71a

Quant Time: Dec 22 13:39:50 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)

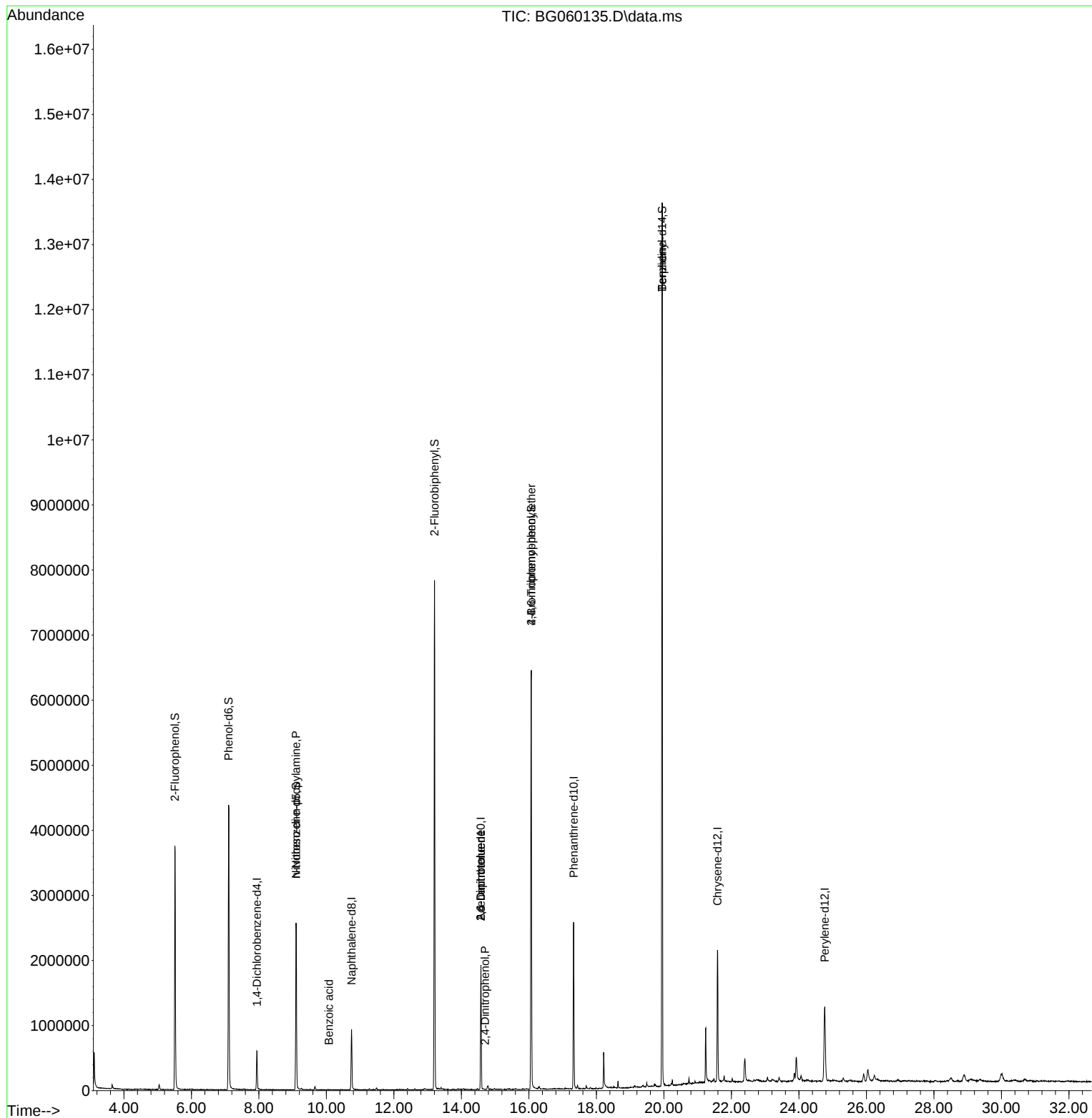
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	181475	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	822487	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	669111	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	1718963	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1249443	20.000	ng	0.00
86) Perylene-d12	24.765	264	1229865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1810851	157.232	ng	0.00
7) Phenol-d6	7.103	99	2781534	143.507	ng	0.00
23) Nitrobenzene-d5	9.101	82	1651903	98.387	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	1308183	145.207	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	4093593	91.864	ng	0.00
79) Terphenyl-d14	19.947	244	5623254	81.440	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	207099	13.741	ng	# 78
32) Benzoic acid	10.070	122	69	5.094	ng	# 33
51) 2,6-Dinitrotoluene	14.577	165	91345	7.759	ng	# 25
54) 2,4-Dinitrophenol	14.700	184	305	6.655	ng	# 22
57) 2,4-Dinitrotoluene	14.577	165	91345	5.286	ng	# 25
67) 4-Bromophenyl-phenylether	16.069	248	83208	5.138	ng	# 1
77) Benzidine	19.947	184	121794	3.605	ng	# 94

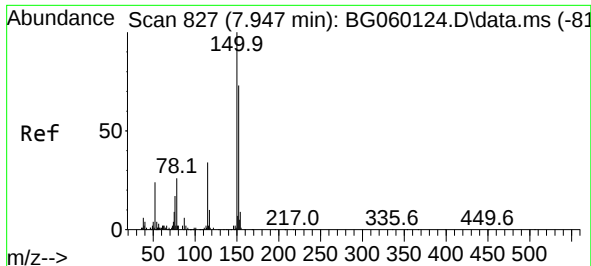
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:42:04 2023
Response via : Initial Calibration

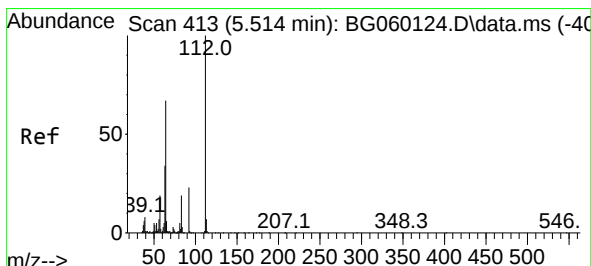
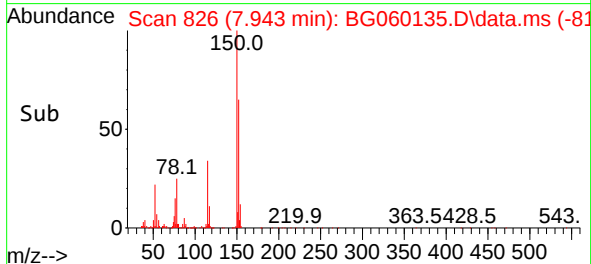
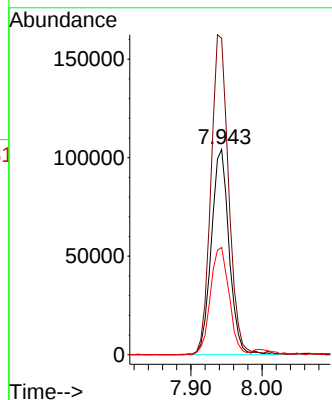
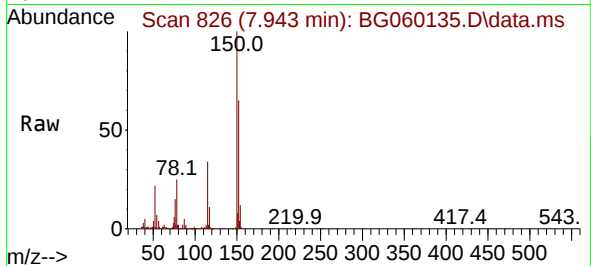




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

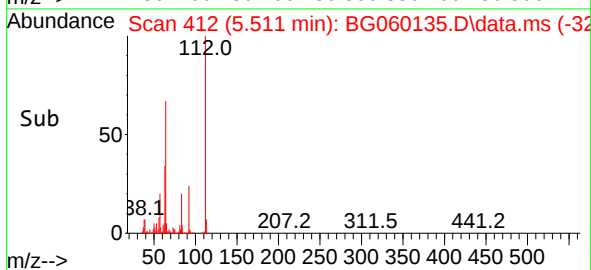
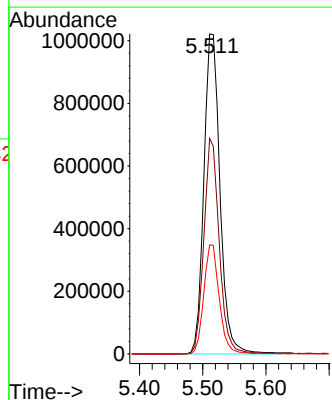
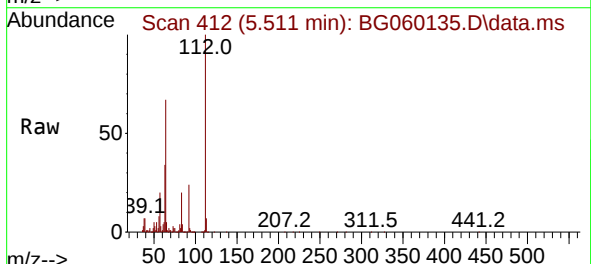
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

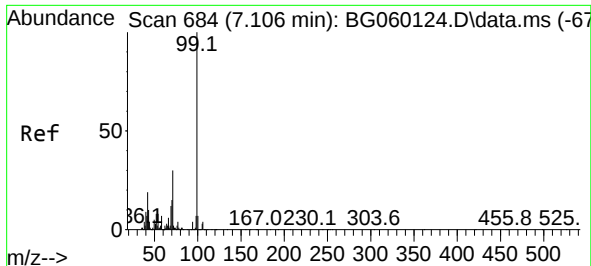
Tgt Ion:152 Resp: 181475
Ion Ratio Lower Upper
152 100
150 154.0 109.4 164.0
115 52.2 36.5 54.7



#5
2-Fluorophenol
Concen: 157.232 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:112 Resp: 1810851
Ion Ratio Lower Upper
112 100
64 67.3 53.3 79.9
63 34.1 27.1 40.7

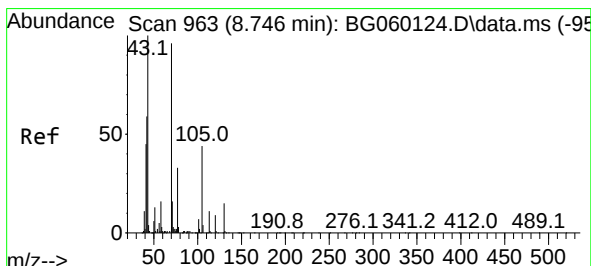
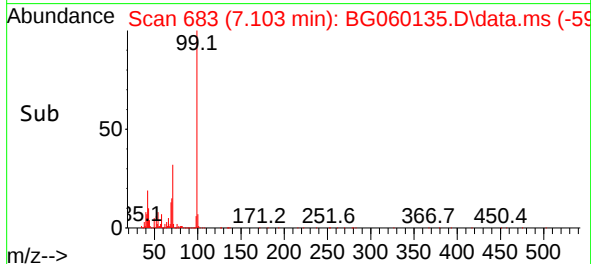
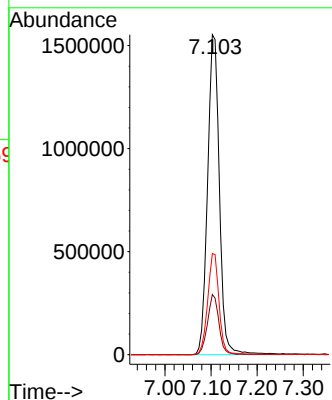
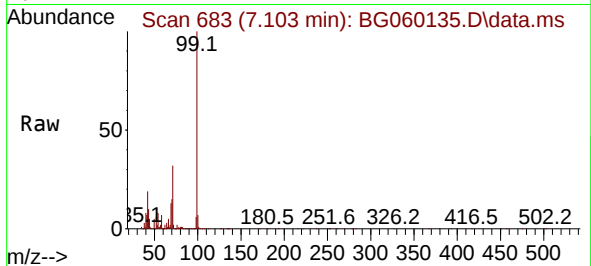




#7
Phenol-d6
Concen: 143.507 ng
RT: 7.103 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

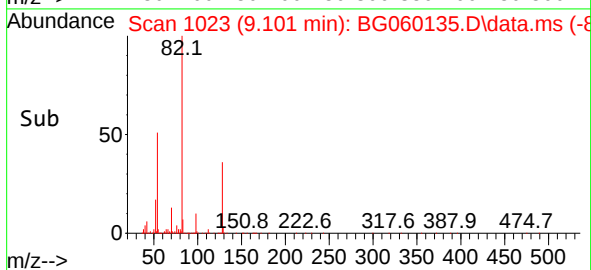
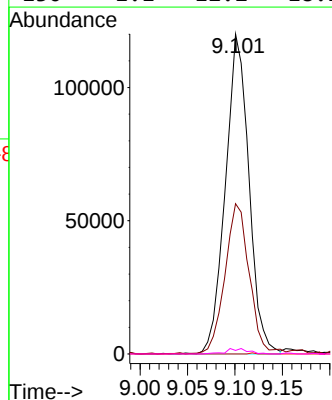
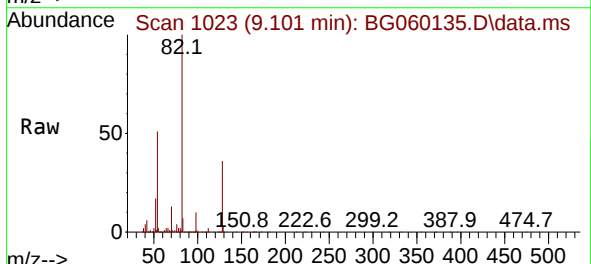
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

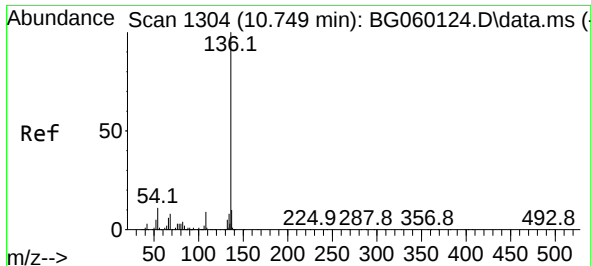
Tgt Ion: 99 Resp: 2781534
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 31.6 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.741 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.355 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion: 70 Resp: 207099
Ion Ratio Lower Upper
70 100
42 47.0 49.6 74.4#
101 0.0 6.2 9.4#
130 1.1 12.2 18.2#



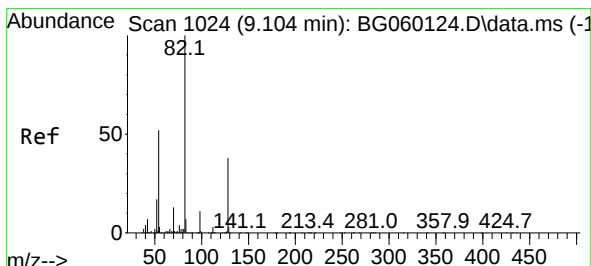
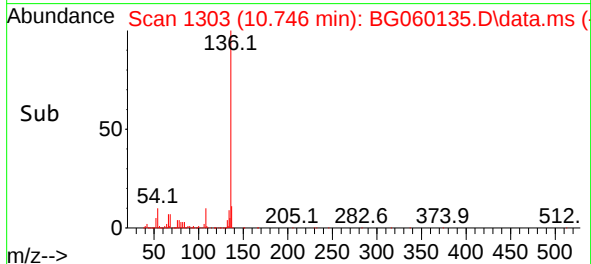
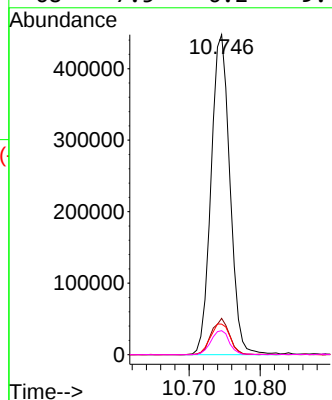
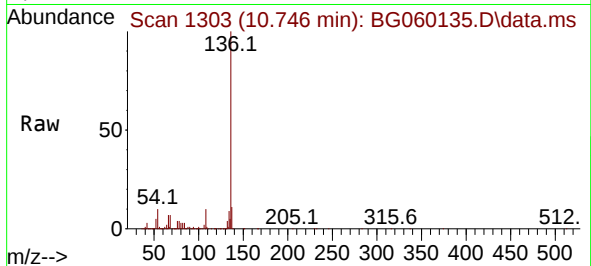


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

Tgt Ion:136 Resp: 822487

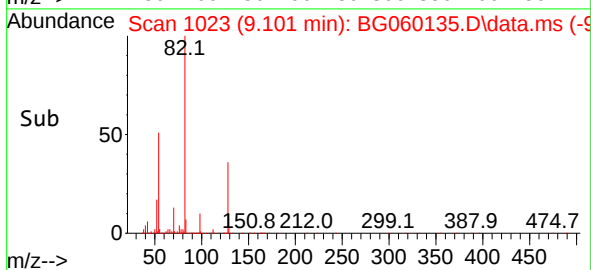
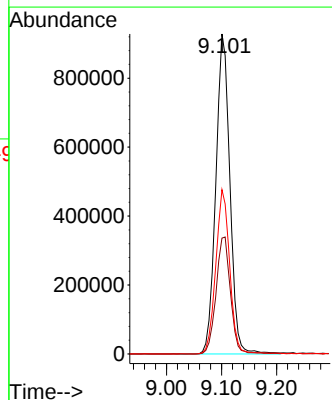
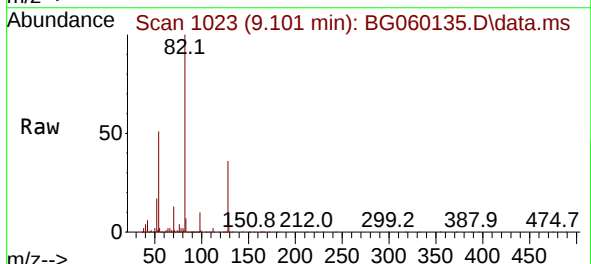
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.1	12.1
54	9.6	8.7	13.1
68	7.5	6.2	9.4

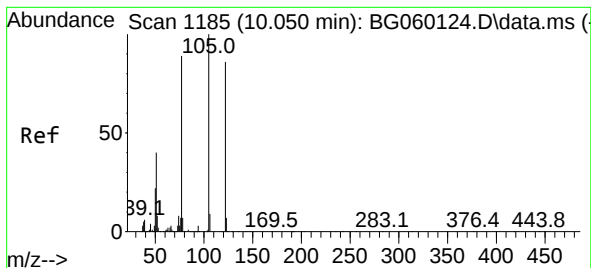


#23
Nitrobenzene-d5
Concen: 98.387 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion: 82 Resp: 1651903

Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.5	45.7
54	51.4	41.9	62.9

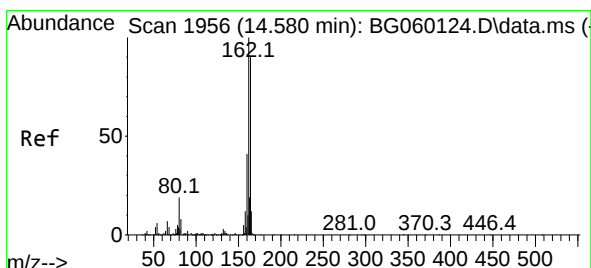
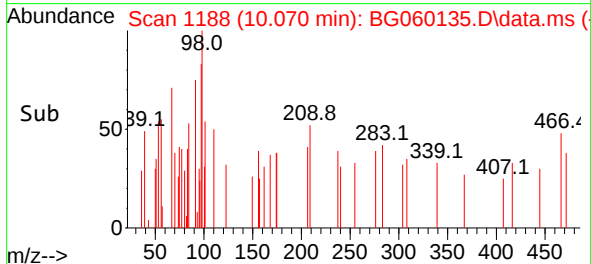
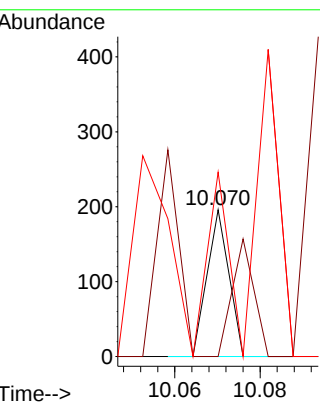
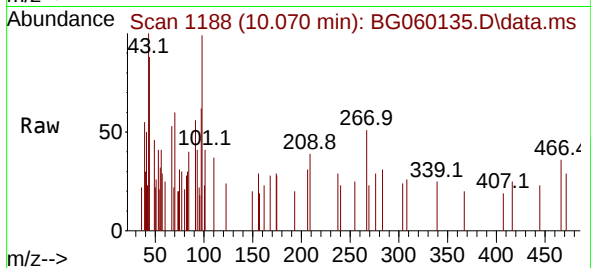




#32
Benzoic acid
Concen: 5.094 ng
RT: 10.070 min Scan# 1188
Delta R.T. 0.020 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

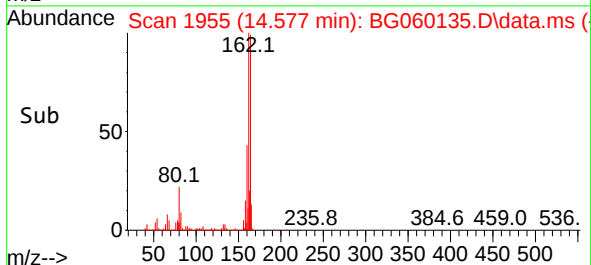
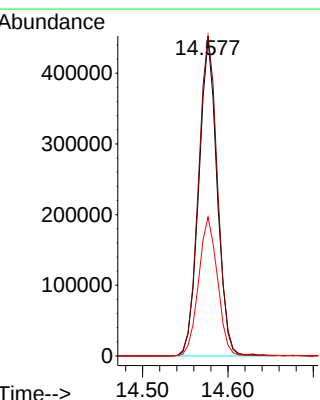
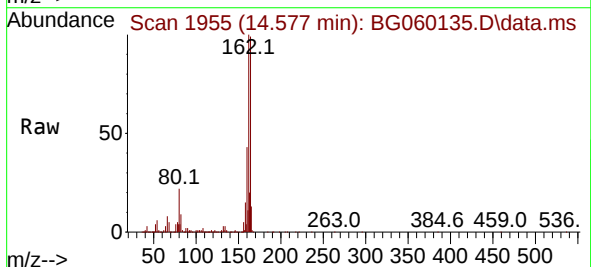
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

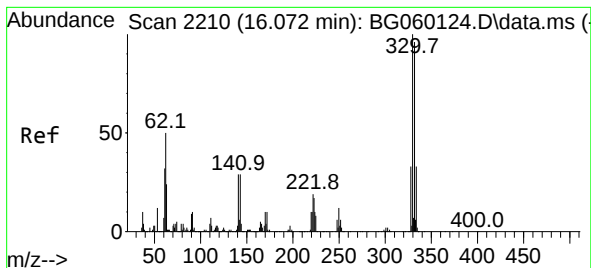
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 125.5 81.7 121.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:164 Resp: 669111
Ion Ratio Lower Upper
164 100
162 101.1 88.5 132.7
160 43.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 145.207 ng

RT: 16.069 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060135.D

Acq: 22 Dec 2023 12:49

Instrument :

BNA_G

ClientSampleId :

GHL-SS-71a

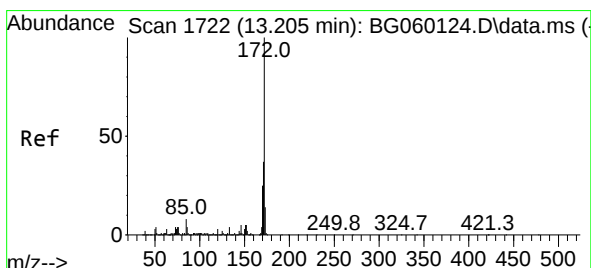
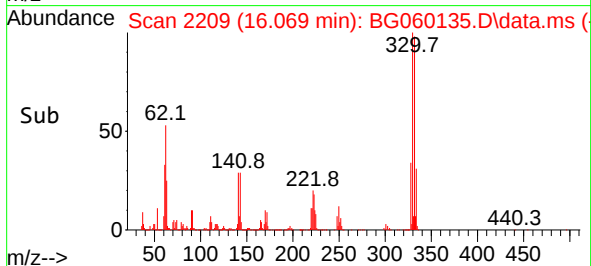
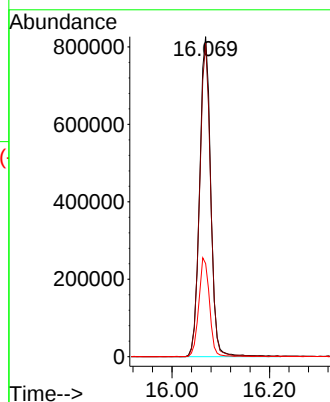
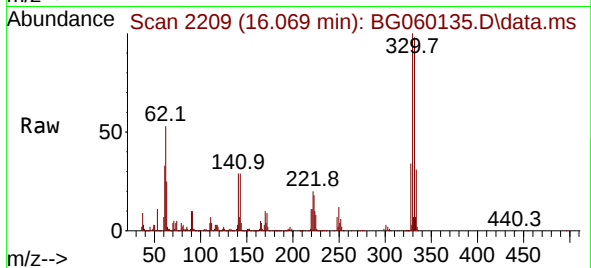
Tgt Ion:330 Resp: 1308183

Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

141 29.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 91.864 ng

RT: 13.202 min Scan# 1721

Delta R.T. -0.003 min

Lab File: BG060135.D

Acq: 22 Dec 2023 12:49

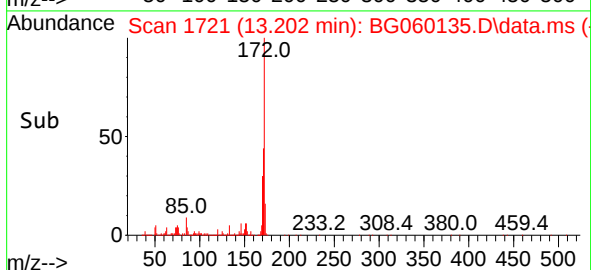
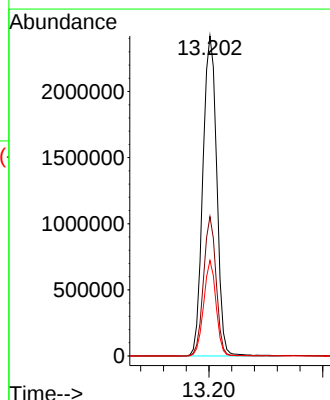
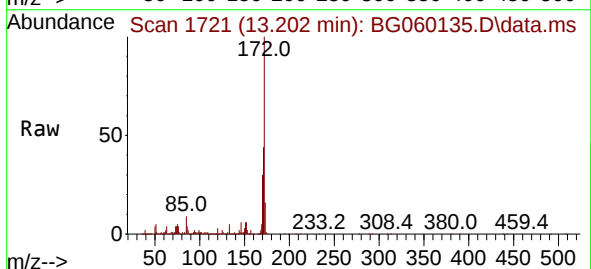
Tgt Ion:172 Resp: 4093593

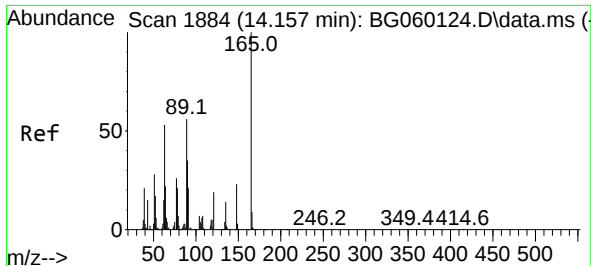
Ion Ratio Lower Upper

172 100

171 43.6 29.2 43.8

170 29.8 20.1 30.1

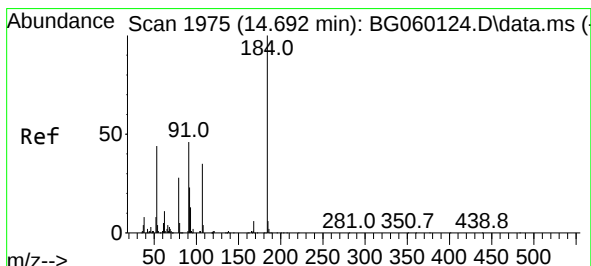
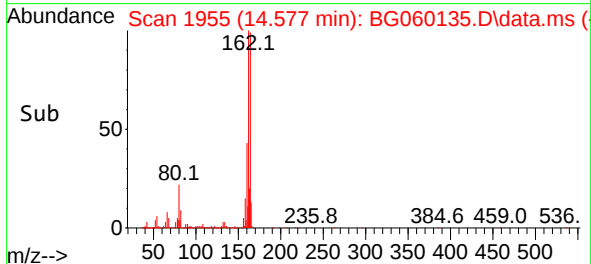
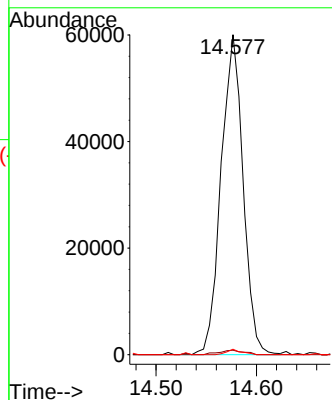
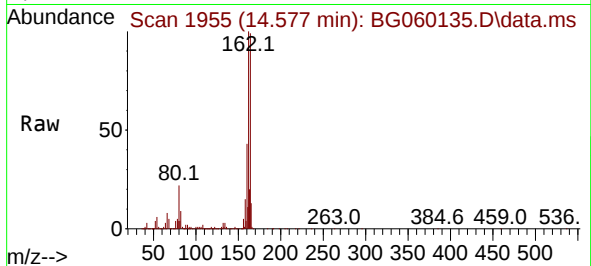




#51
2,6-Dinitrotoluene
Concen: 7.759 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

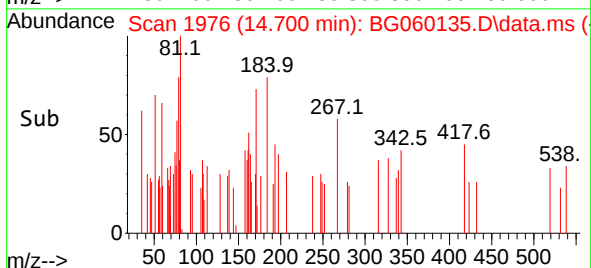
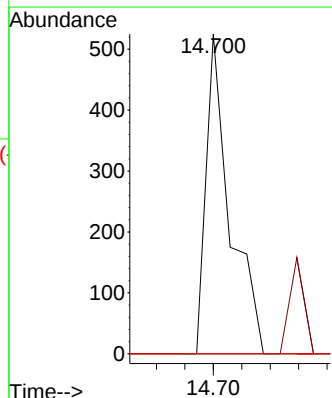
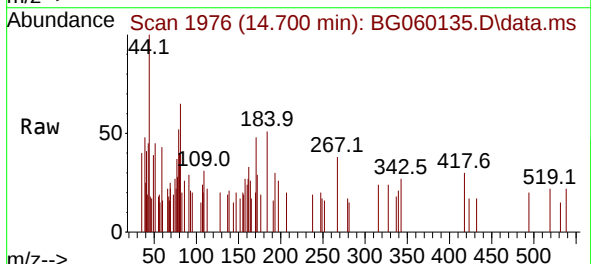
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GHL-SS-71a

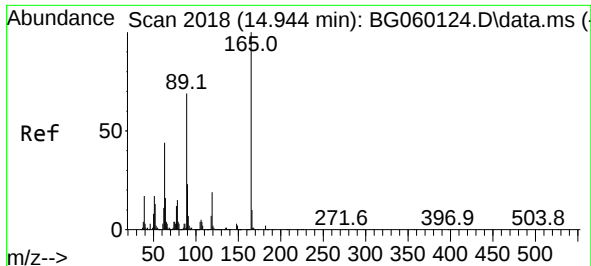
Tgt Ion:165 Resp: 91345
Ion Ratio Lower Upper
165 100
63 1.4 45.4 68.2#
89 1.7 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.655 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.008 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:184 Resp: 305
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 0.0 44.3 66.5#

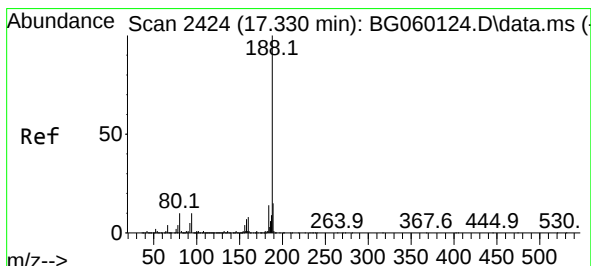
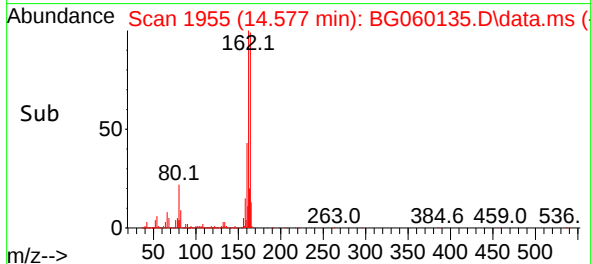
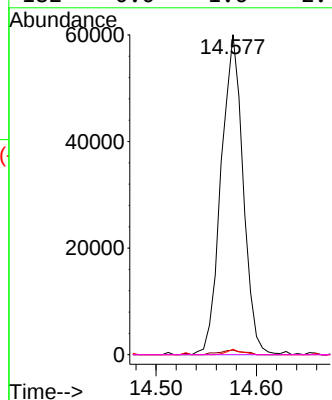
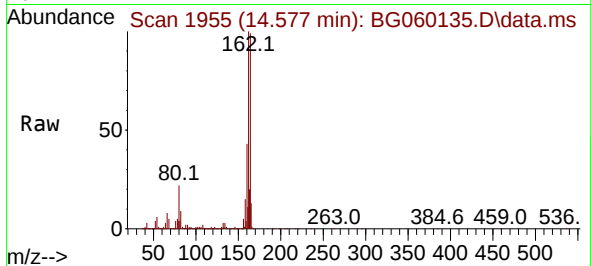




#57
2,4-Dinitrotoluene
Concen: 5.286 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.368 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

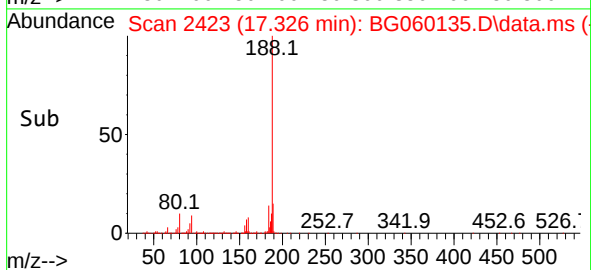
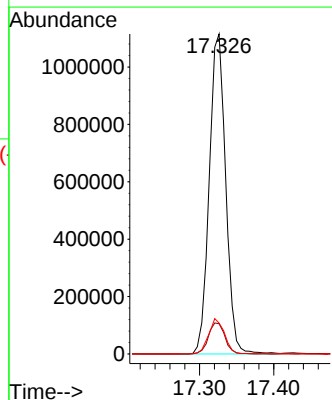
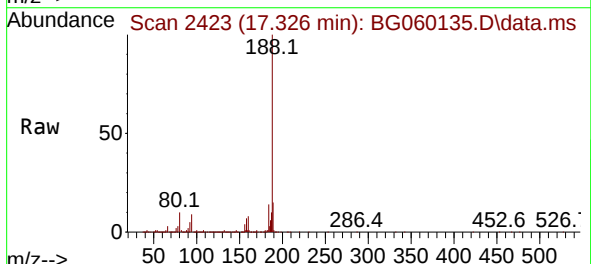
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

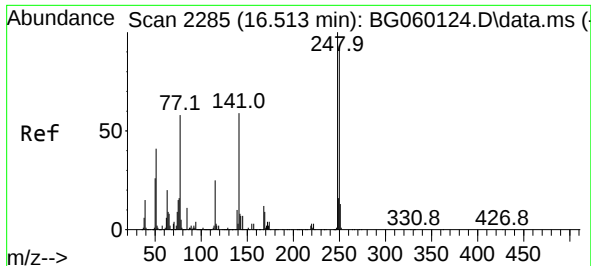
Tgt Ion:165 Resp: 91345
Ion Ratio Lower Upper
165 100
63 1.4 35.4 53.0#
89 1.7 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:188 Resp: 1718963
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.7 7.9 11.9

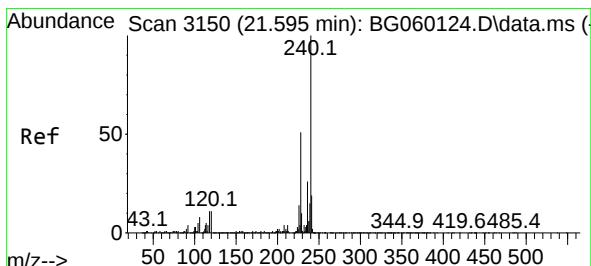
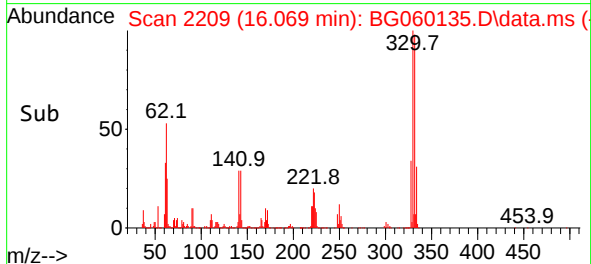
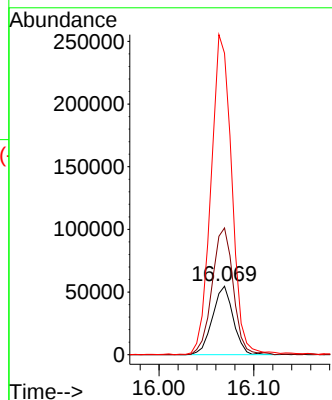
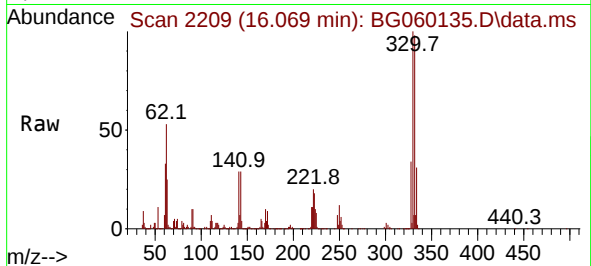




#67
4-Bromophenyl-phenylether
Concen: 5.138 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

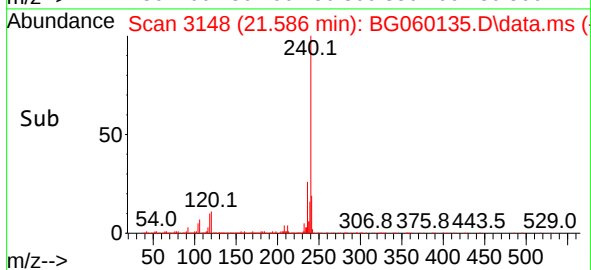
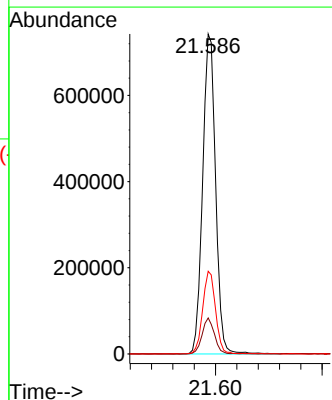
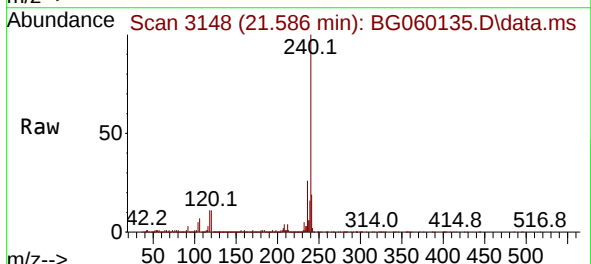
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

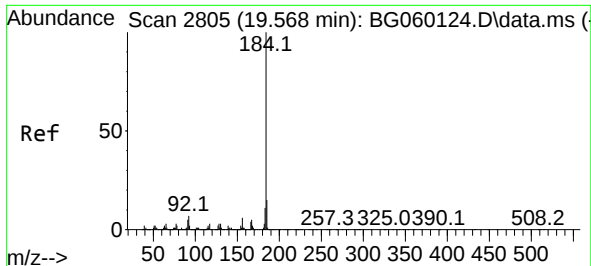
Tgt Ion:248 Resp: 83208
Ion Ratio Lower Upper
248 100
250 184.9 74.5 111.7#
141 440.0 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:240 Resp: 1249443
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.9 20.4 30.6

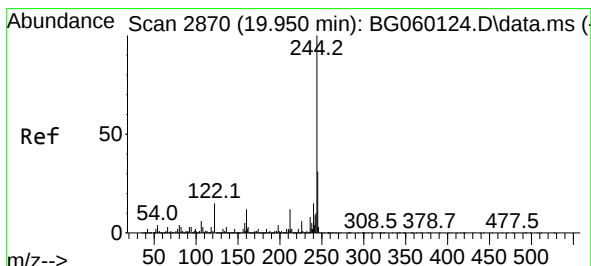
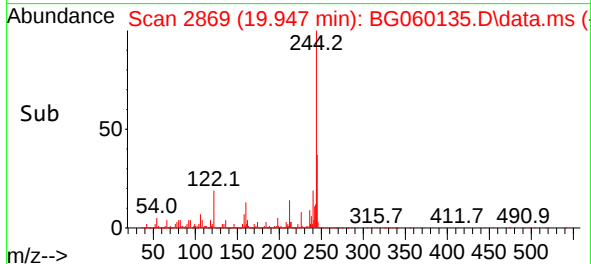
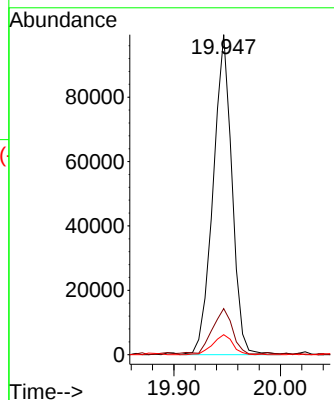
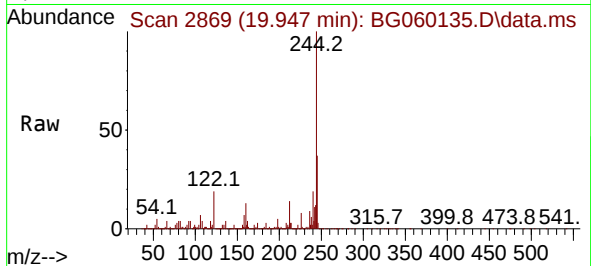




#77
Benzidine
Concen: 3.605 ng
RT: 19.947 min Scan# 2869
Delta R.T. 0.379 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

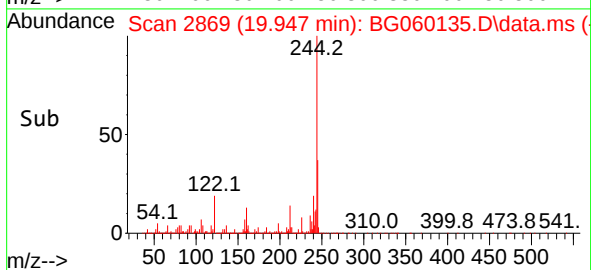
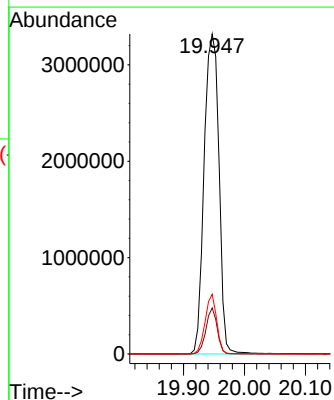
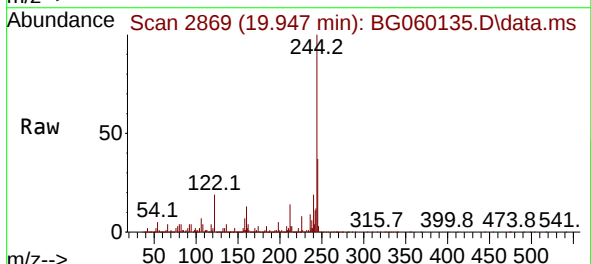
Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

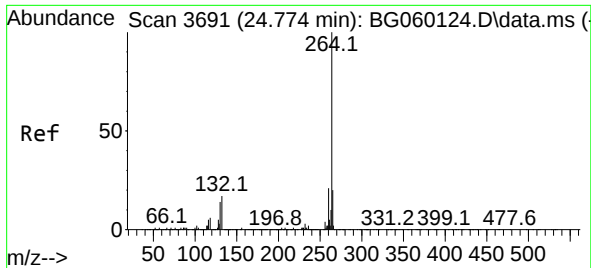
Tgt Ion:184 Resp: 121794
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 6.3 9.0 13.6#



#79
Terphenyl-d14
Concen: 81.440 ng
RT: 19.947 min Scan# 2869
Delta R.T. -0.003 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Tgt Ion:244 Resp: 5623254
Ion Ratio Lower Upper
244 100
212 14.4 9.5 14.3#
122 18.7 12.2 18.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.765 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG060135.D
Acq: 22 Dec 2023 12:49

Instrument :
BNA_G
ClientSampleId :
GHL-SS-71a

Tgt Ion:264 Resp: 1229865

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.1	25.7
265	21.4	16.0	24.0

