

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060144.D
 Acq On : 22 Dec 2023 18:52
 Operator : MA/JU
 Sample : 05897-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-27

Quant Time: Dec 23 05:46:47 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)

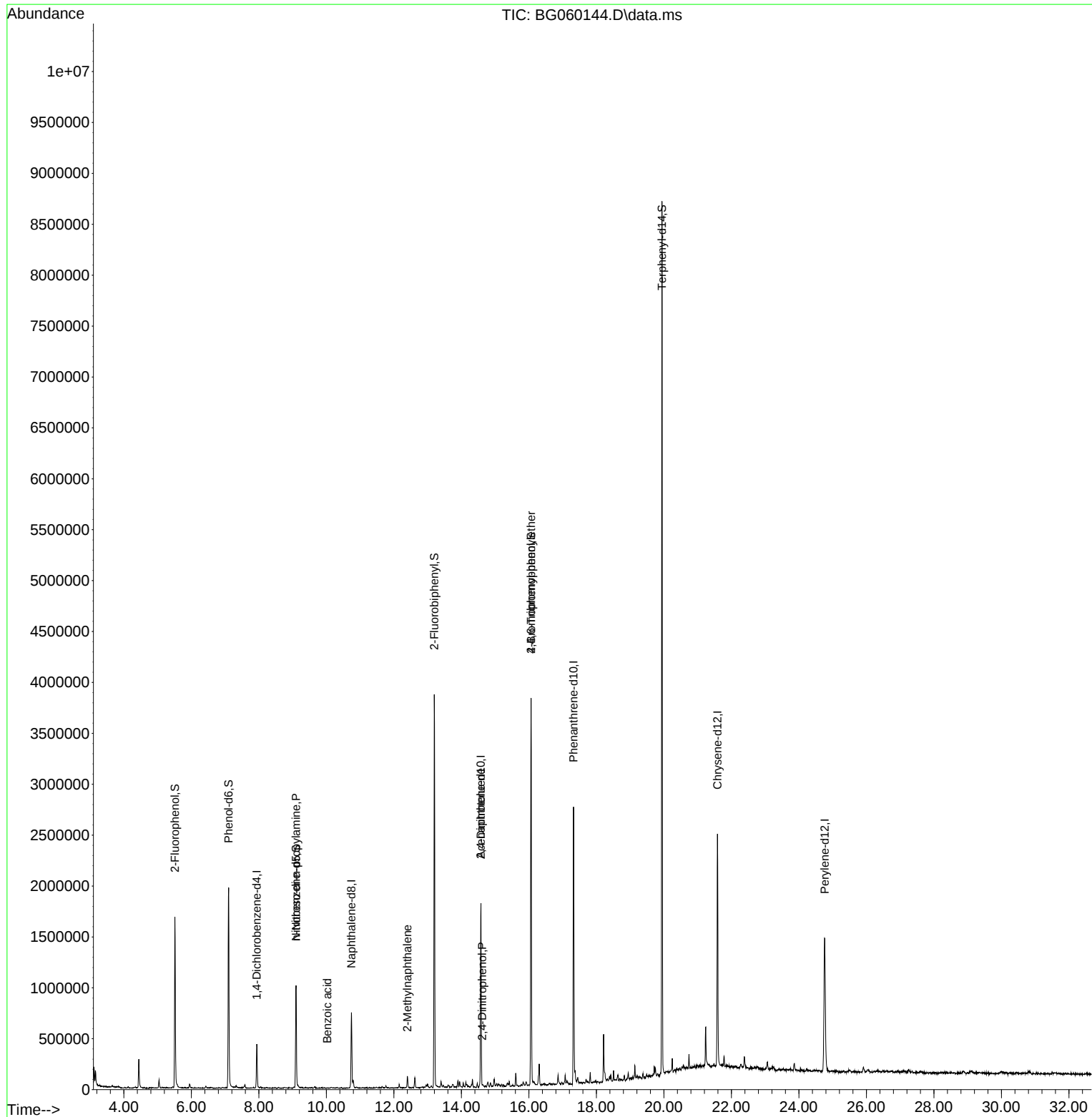
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	130942	20.000	ng	# 0.00
21) Naphthalene-d8	10.741	136	649845	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	629945	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1867972	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1345005	20.000	ng	0.00
86) Perylene-d12	24.766	264	1443298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	824021	99.160	ng	0.00
7) Phenol-d6	7.104	99	1299832	92.942	ng	0.00
23) Nitrobenzene-d5	9.102	82	662806	49.964	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	771196	90.924	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	2172287	51.779	ng	0.00
79) Terphenyl-d14	19.942	244	3928515	52.853	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.102	70	83552	7.683	ng	# 80
32) Benzoic acid	10.030	122	60	5.095	ng	# 1
37) 2-Methylnaphthalene	12.398	142	56253	2.095	ng	97
54) 2,4-Dinitrophenol	14.619	184	71	6.628	ng	# 1
57) 2,4-Dinitrotoluene	14.578	165	88767	5.456	ng	# 25
67) 4-Bromophenyl-phenylether	16.064	248	45249	2.571	ng	# 1

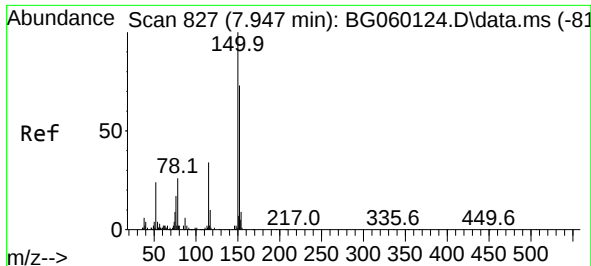
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

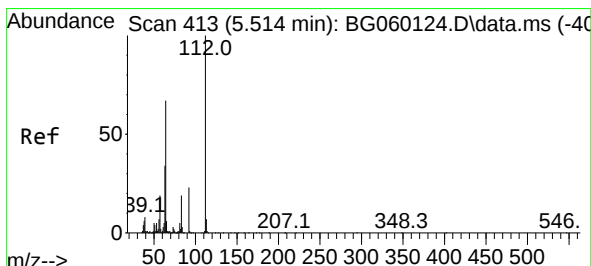
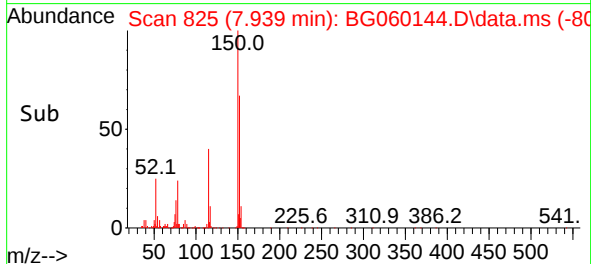
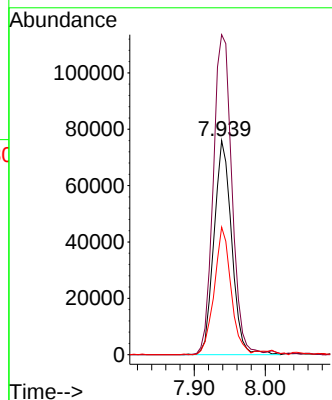
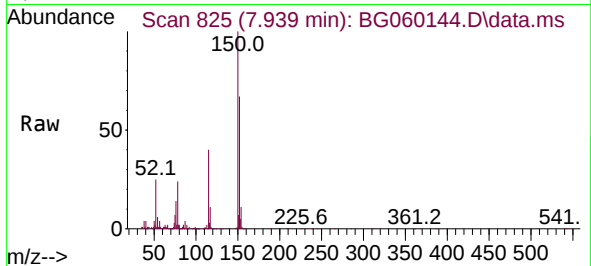




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

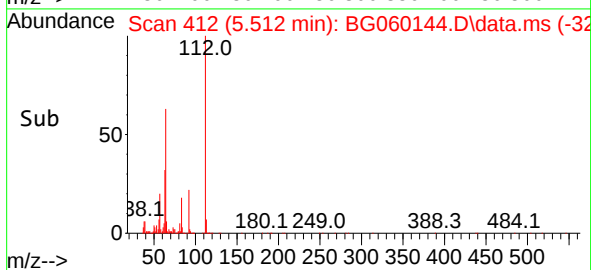
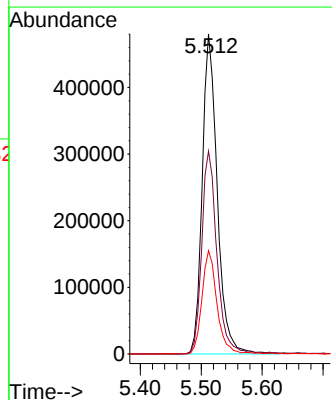
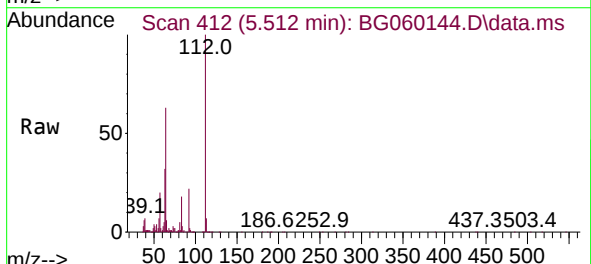
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

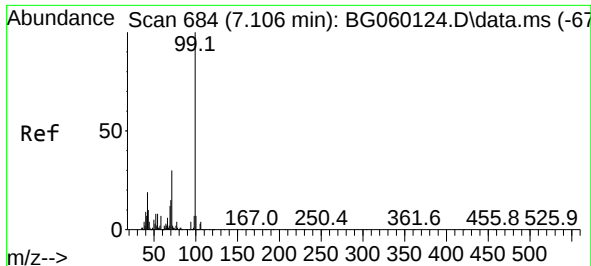
Tgt Ion:152 Resp: 130942
Ion Ratio Lower Upper
152 100
150 149.4 109.4 164.0
115 59.6 36.5 54.7#



#5
2-Fluorophenol
Concen: 99.160 ng
RT: 5.512 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:112 Resp: 824021
Ion Ratio Lower Upper
112 100
64 63.4 53.3 79.9
63 32.2 27.1 40.7





#7

Phenol-d6

Concen: 92.942 ng

RT: 7.104 min Scan# 61

Delta R.T. -0.002 min

Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

Instrument :

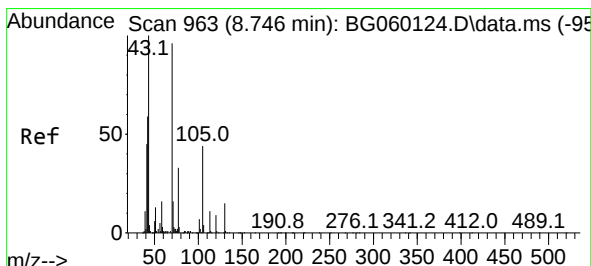
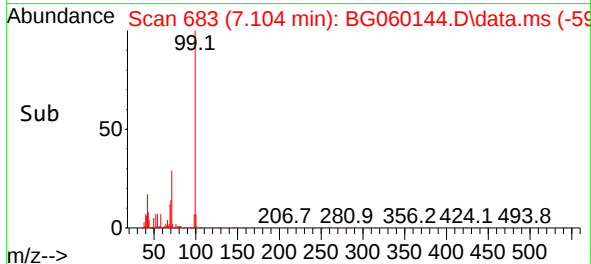
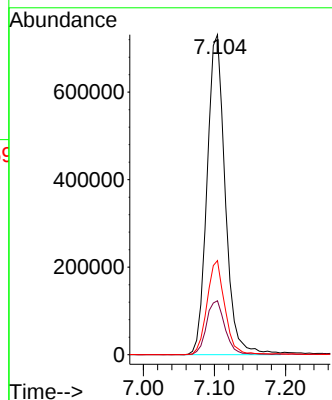
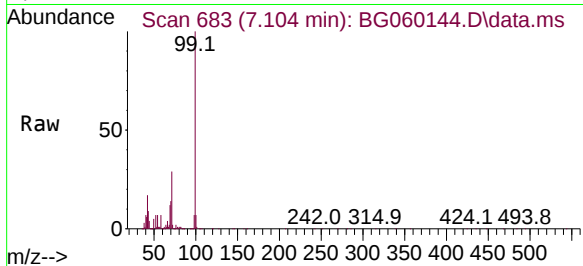
BNA_G

ClientSampleId :

GHL-SS-27

Tgt Ion: 99 Resp: 1299832

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.2	22.8
71	29.4	24.2	36.2



#19

n-Nitroso-di-n-propylamine

Concen: 7.683 ng

RT: 9.102 min Scan# 1023

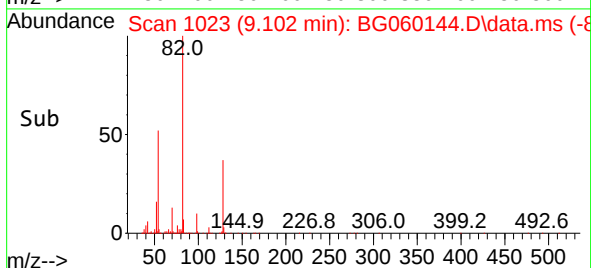
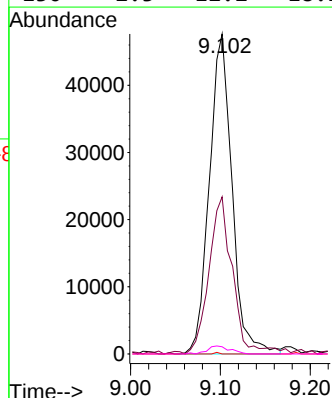
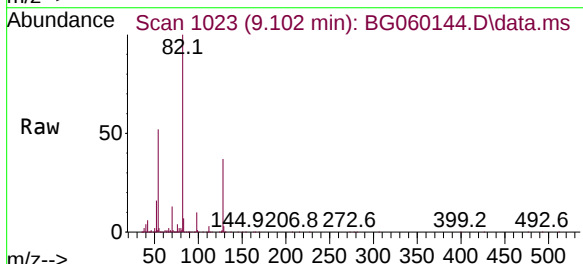
Delta R.T. 0.356 min

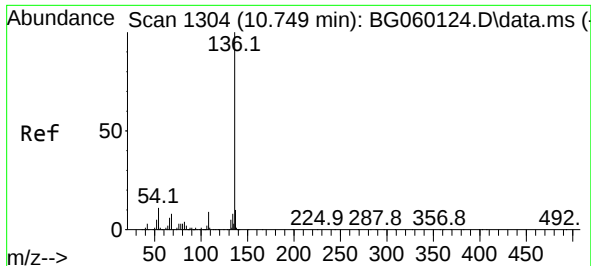
Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

Tgt Ion: 70 Resp: 83552

Ion	Ratio	Lower	Upper
70	100		
42	49.1	49.6	74.4#
101	0.0	6.2	9.4#
130	2.3	12.2	18.2#



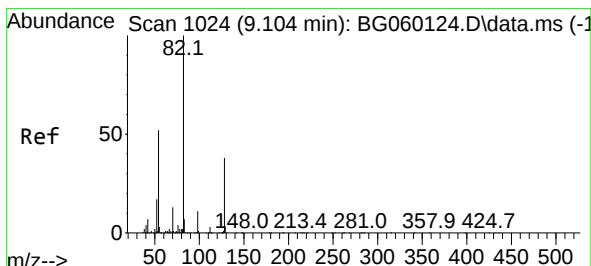
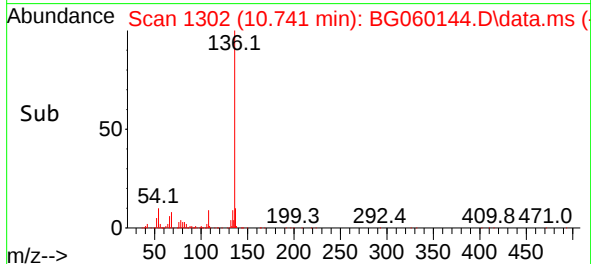
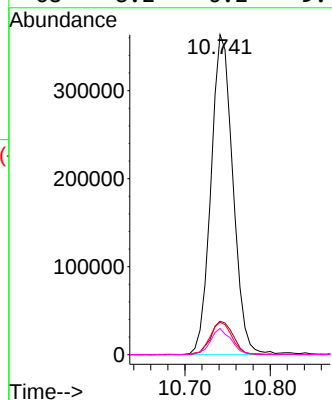
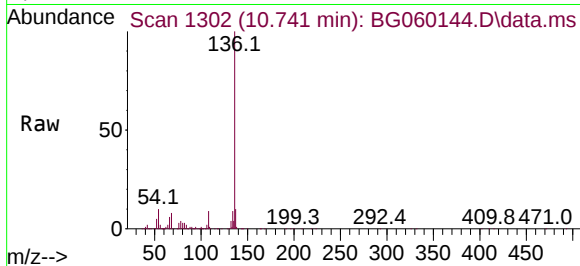


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

Tgt Ion:136 Resp: 649845

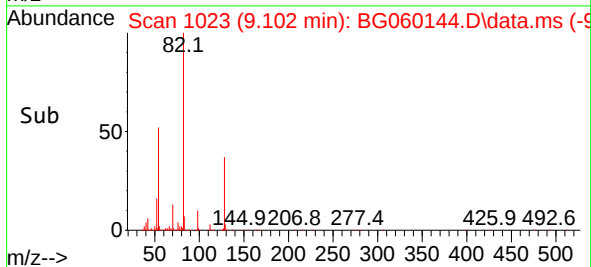
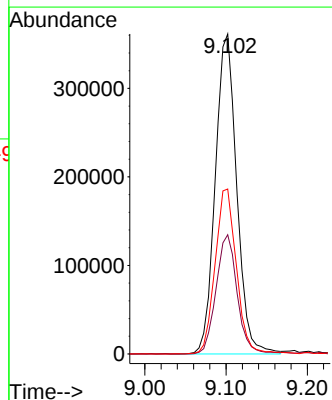
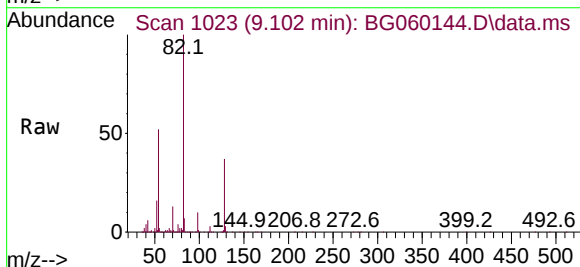
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.1	12.1
54	10.1	8.7	13.1
68	8.2	6.2	9.4

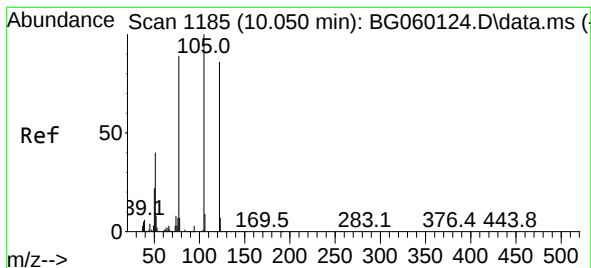


#23
Nitrobenzene-d5
Concen: 49.964 ng
RT: 9.102 min Scan# 1023
Delta R.T. -0.002 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion: 82 Resp: 662806

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	51.5	41.9	62.9

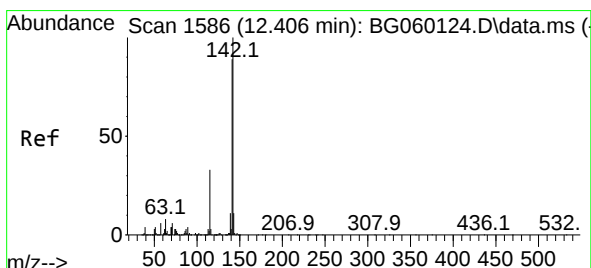
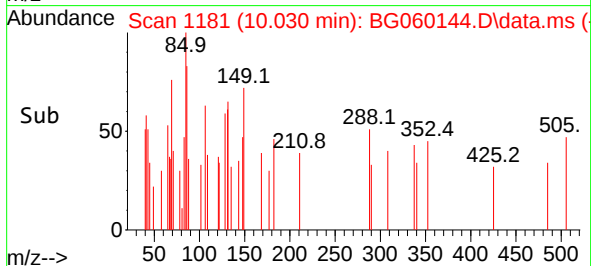
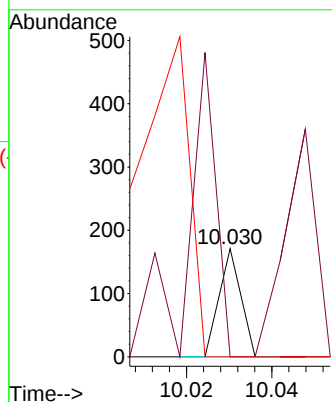
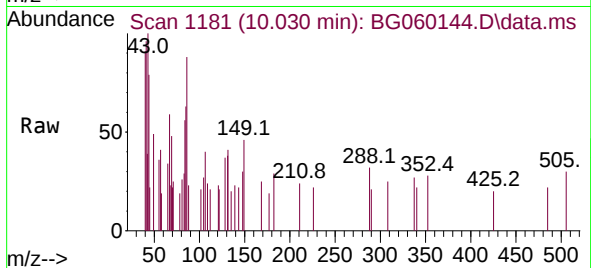




#32
Benzoic acid
Concen: 5.095 ng
RT: 10.030 min Scan# 1181
Delta R.T. -0.020 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

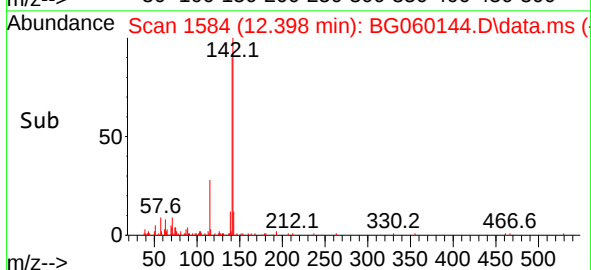
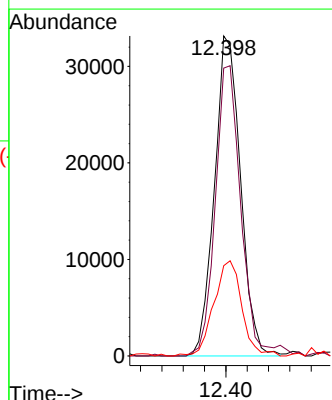
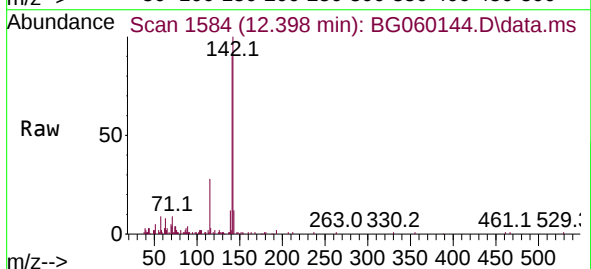
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

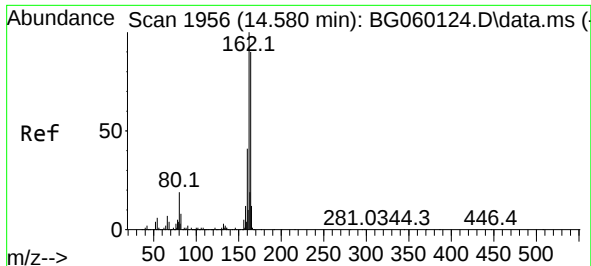
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 93.2 133.2#
77 0.0 81.7 121.7#



#37
2-Methylnaphthalene
Concen: 2.095 ng
RT: 12.398 min Scan# 1584
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:142 Resp: 56253
Ion Ratio Lower Upper
142 100
141 90.0 71.5 107.3
115 28.2 26.1 39.1

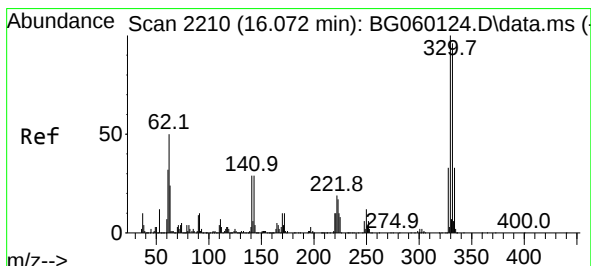
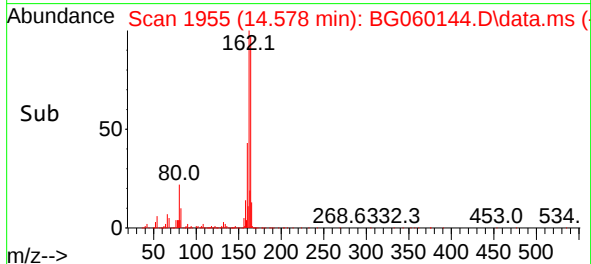
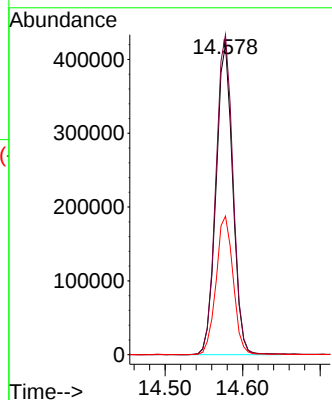
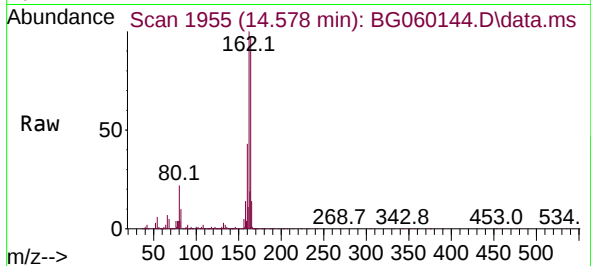




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

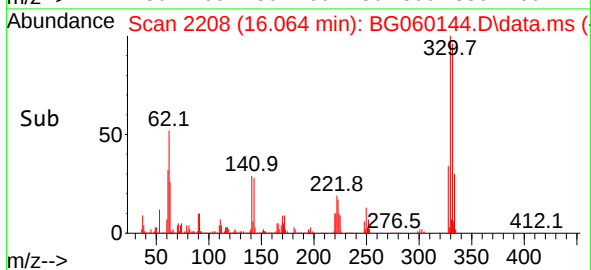
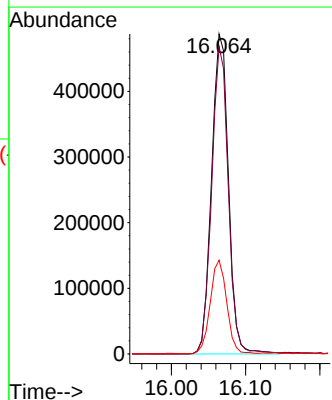
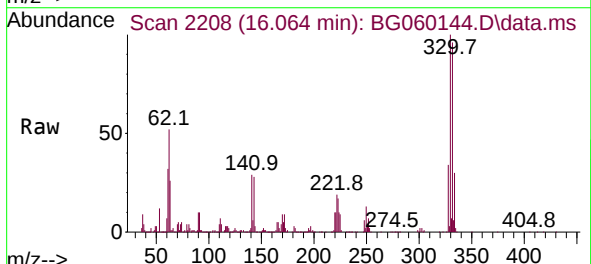
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

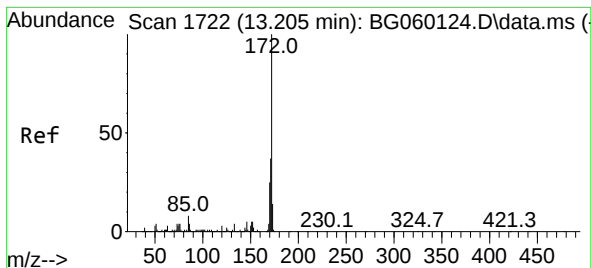
Tgt Ion:164 Resp: 629945
Ion Ratio Lower Upper
164 100
162 103.1 88.5 132.7
160 44.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 90.924 ng
RT: 16.064 min Scan# 2208
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:330 Resp: 771196
Ion Ratio Lower Upper
330 100
332 94.5 75.5 113.3
141 28.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 51.779 ng

RT: 13.197 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

Instrument :

BNA_G

ClientSampleId :

GHL-SS-27

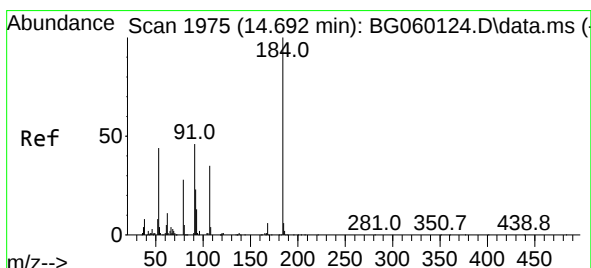
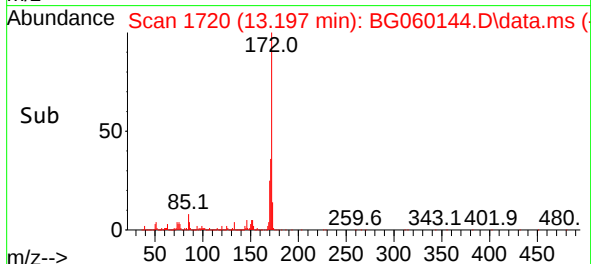
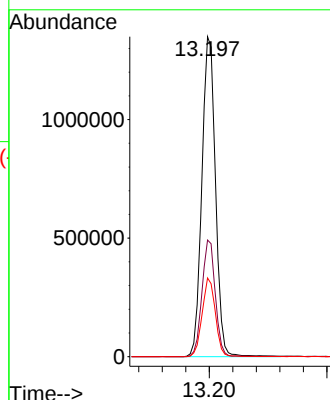
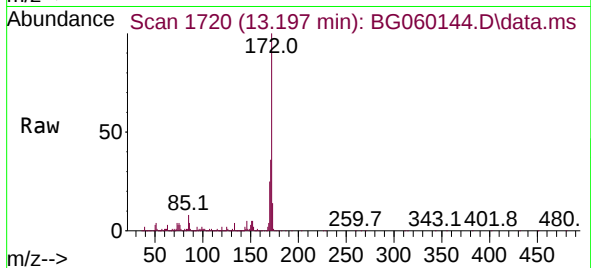
Tgt Ion:172 Resp: 2172287

Ion Ratio Lower Upper

172 100

171 36.5 29.2 43.8

170 24.6 20.1 30.1



#54

2,4-Dinitrophenol

Concen: 6.628 ng

RT: 14.619 min Scan# 1962

Delta R.T. -0.073 min

Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

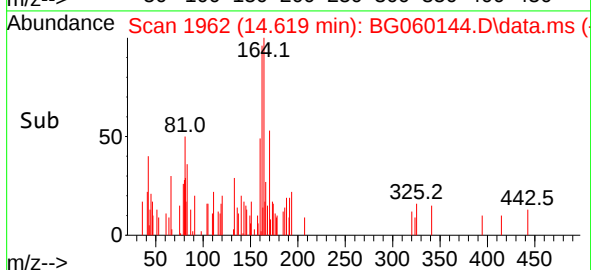
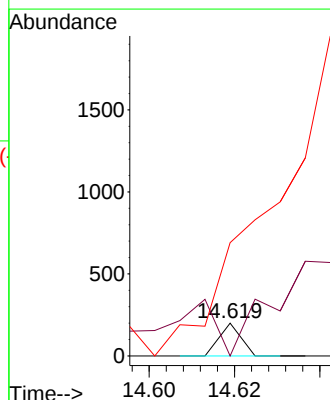
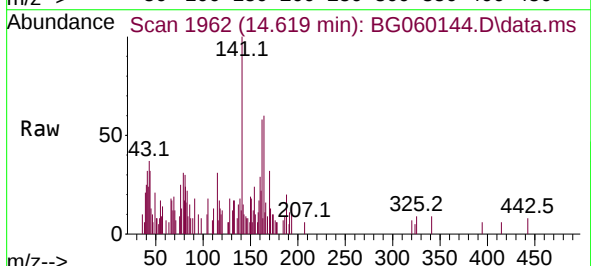
Tgt Ion:184 Resp: 71

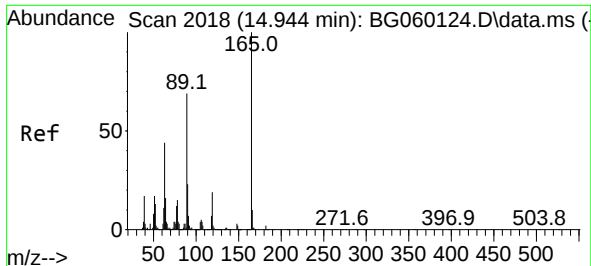
Ion Ratio Lower Upper

184 100

63 0.0 48.1 72.1#

154 345.0 44.3 66.5#

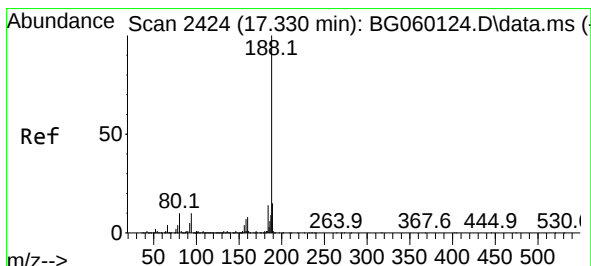
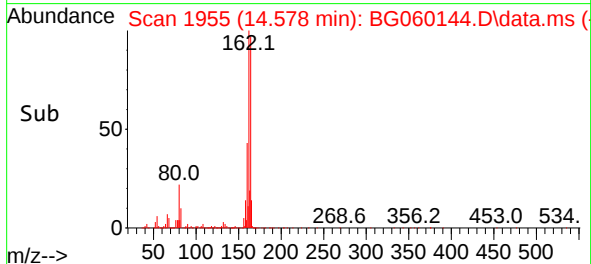
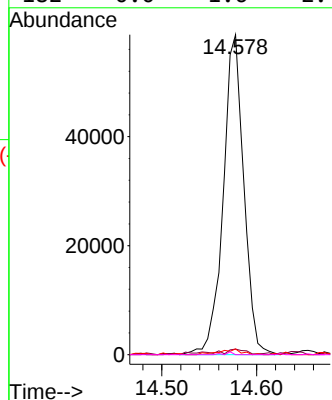
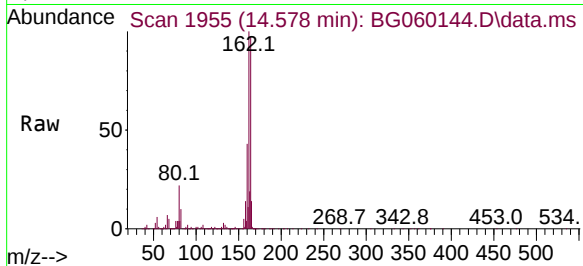




#57
2,4-Dinitrotoluene
Concen: 5.456 ng
RT: 14.578 min Scan# 1955
Delta R.T. -0.366 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

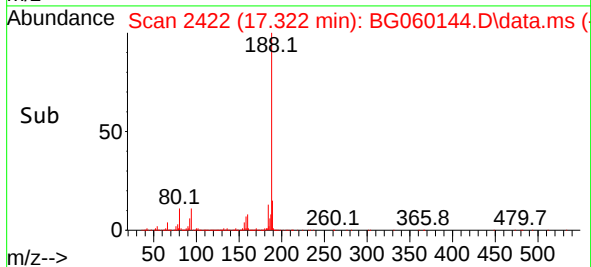
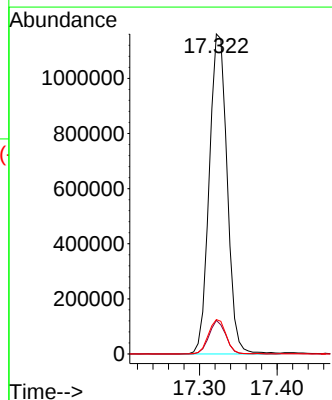
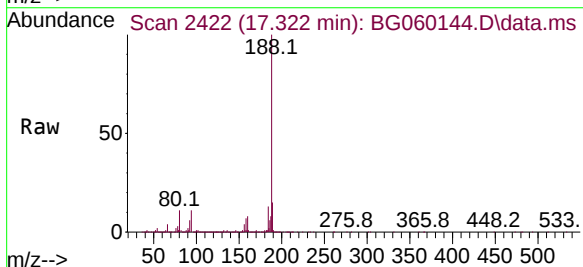
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

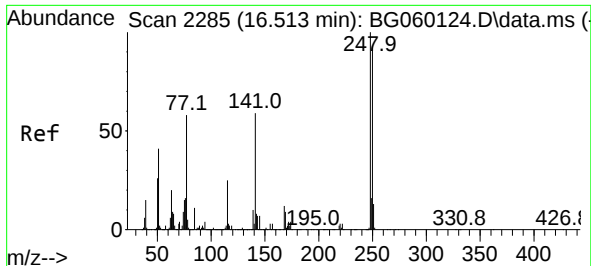
Tgt Ion:165 Resp: 88767
Ion Ratio Lower Upper
165 100
63 1.8 35.4 53.0#
89 1.8 55.6 83.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2422
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:188 Resp: 1867972
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 10.7 7.9 11.9

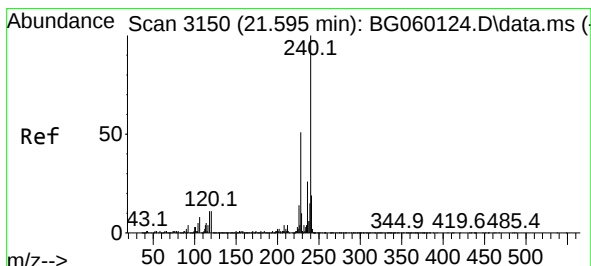
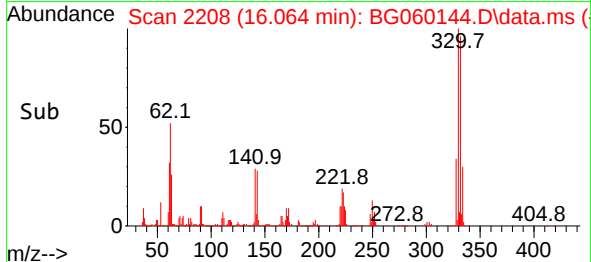
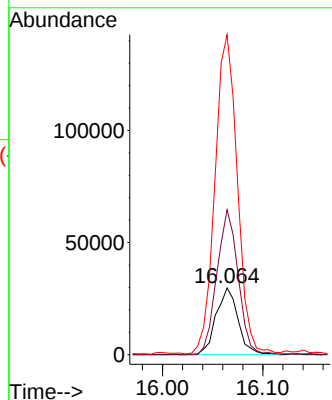
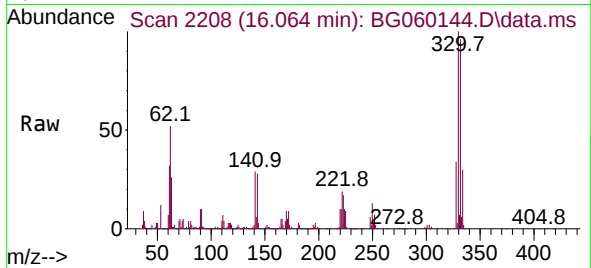




#67
4-Bromophenyl-phenylether
Concen: 2.571 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

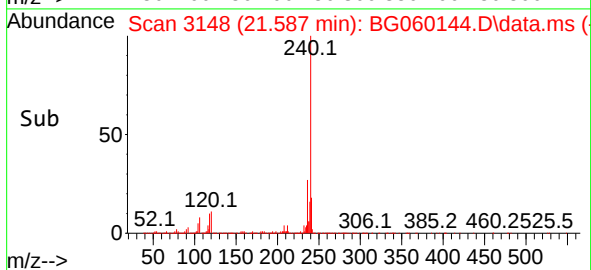
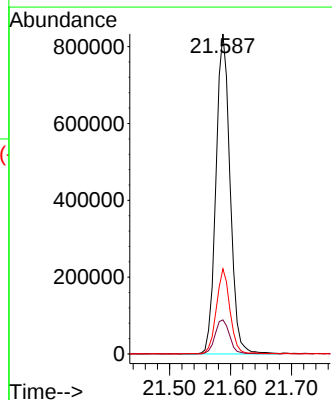
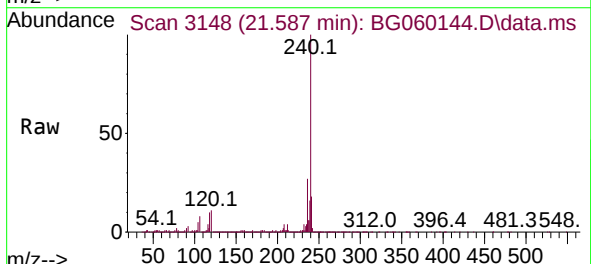
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

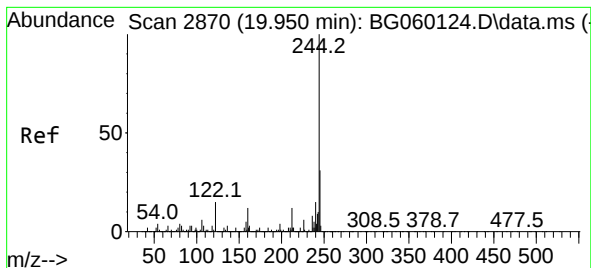
Tgt Ion:248 Resp: 45249
Ion Ratio Lower Upper
248 100
250 217.2 74.5 111.7#
141 479.4 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:240 Resp: 1345005
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 26.6 20.4 30.6





#79

Terphenyl-d14

Concen: 52.853 ng

RT: 19.942 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

Instrument :

BNA_G

ClientSampleId :

GHL-SS-27

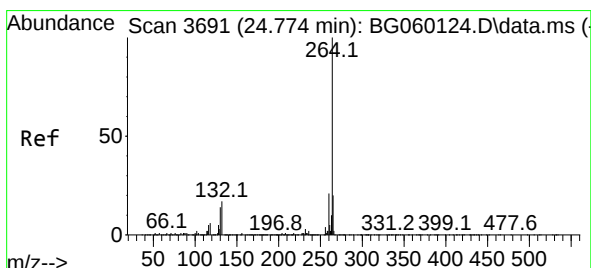
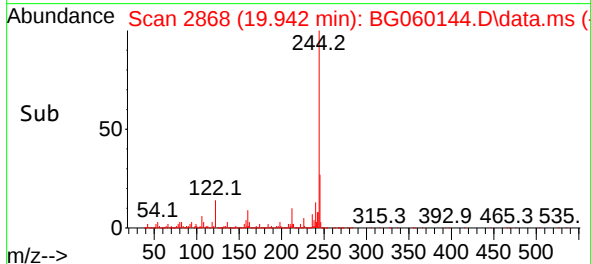
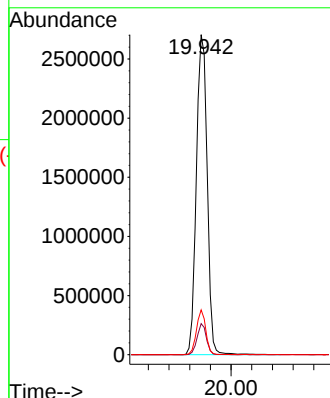
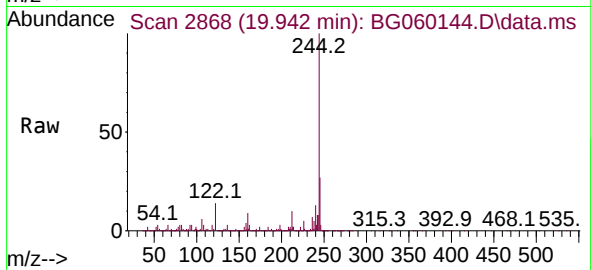
Tgt Ion:244 Resp: 3928515

Ion Ratio Lower Upper

244 100

212 9.7 9.5 14.3

122 14.0 12.2 18.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.766 min Scan# 3689

Delta R.T. -0.008 min

Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

Tgt Ion:264 Resp: 1443298

Ion Ratio Lower Upper

264 100

260 22.1 17.1 25.7

265 20.6 16.0 24.0

