

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060140.D
 Acq On : 22 Dec 2023 16:11
 Operator : MA/JU
 Sample : 05900-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-61

Quant Time: Dec 22 17:33:27 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)

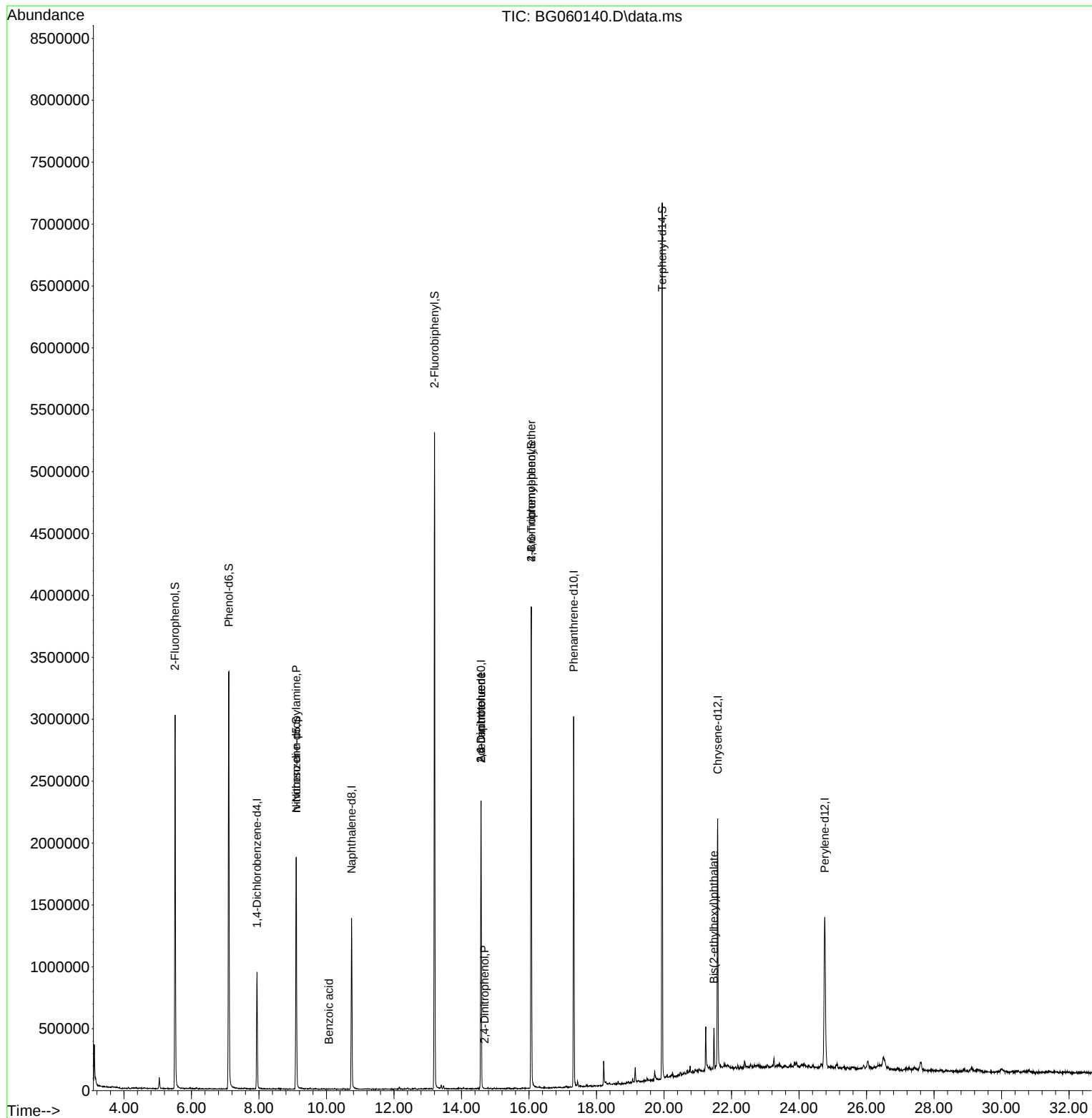
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	287368	20.000	ng	# 0.00
21) Naphthalene-d8	10.743	136	1180882	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	840636	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1918015	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1203468	20.000	ng	0.00
86) Perylene-d12	24.762	264	1358911	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1414205	77.544	ng	0.00
7) Phenol-d6	7.106	99	2176206	70.903	ng	0.00
23) Nitrobenzene-d5	9.104	82	1241408	51.498	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	782556	69.139	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2871943	51.299	ng	0.00
79) Terphenyl-d14	19.944	244	3474102	52.237	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.104	70	153700	6.440	ng	# 75
32) Benzoic acid	10.068	122	160	5.098	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	112959	7.637	ng	# 24
54) 2,4-Dinitrophenol	14.686	184	64	6.625	ng	# 22
57) 2,4-Dinitrotoluene	14.574	165	112959	5.203	ng	# 24
67) 4-Bromophenyl-phenylether	16.067	248	47400	2.623	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.478	149	130727	3.186	ng	# 99

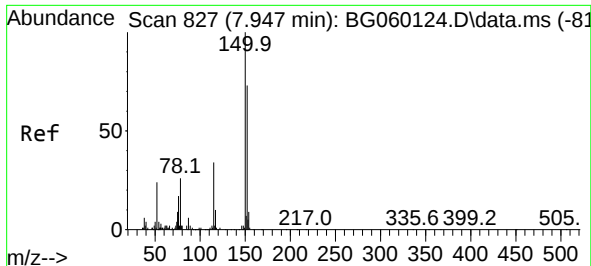
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
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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

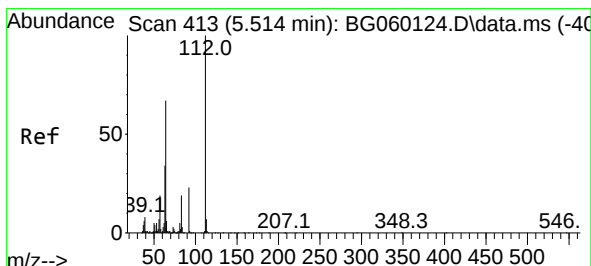
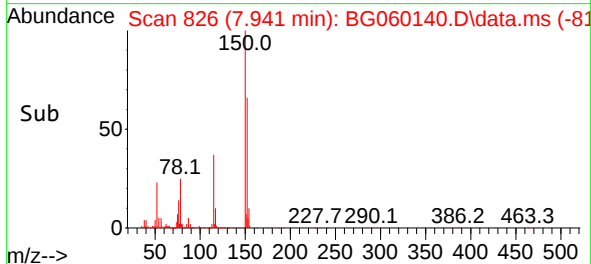
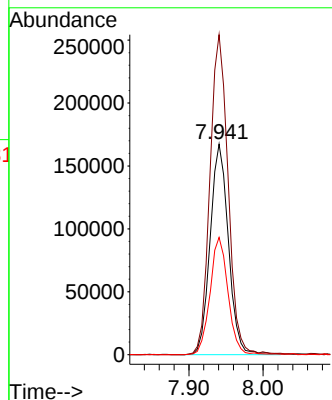
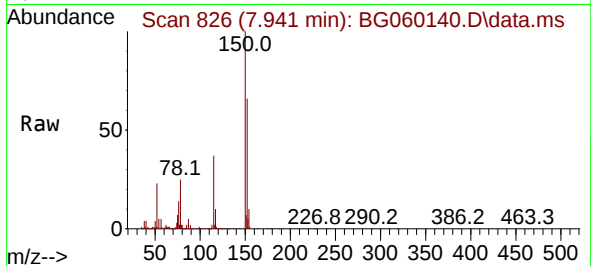




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

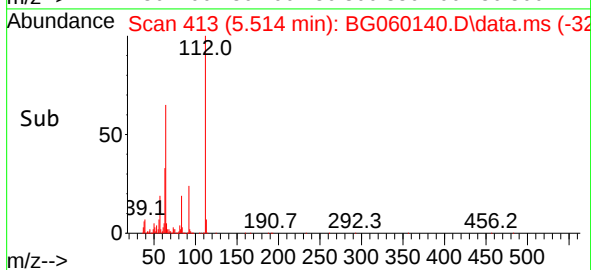
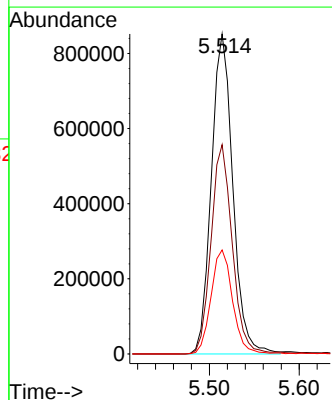
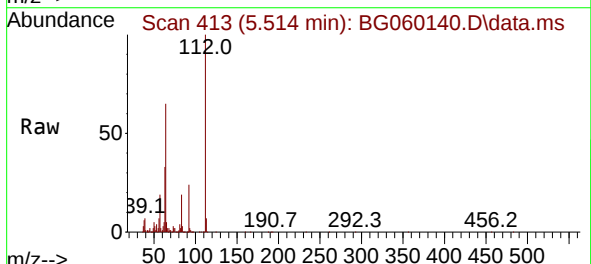
Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

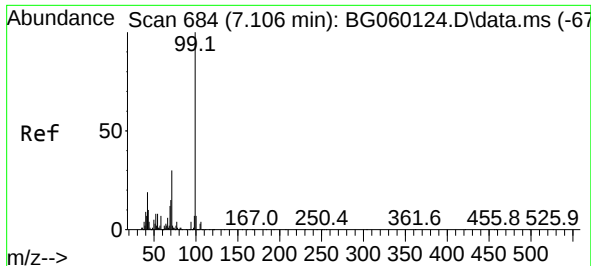
Tgt Ion:152 Resp: 287368
Ion Ratio Lower Upper
152 100
150 152.0 109.4 164.0
115 55.7 36.5 54.7#



#5
2-Fluorophenol
Concen: 77.544 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion:112 Resp: 1414205
Ion Ratio Lower Upper
112 100
64 65.4 53.3 79.9
63 32.5 27.1 40.7

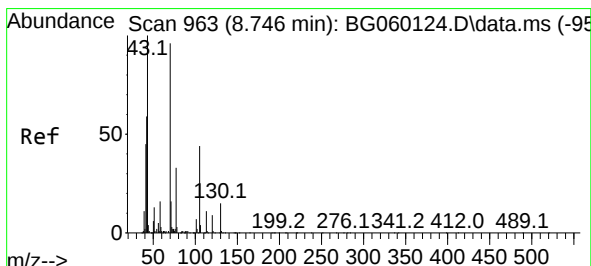
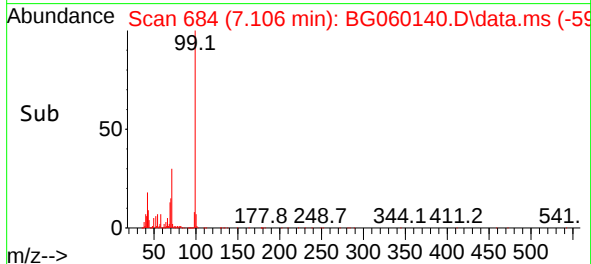
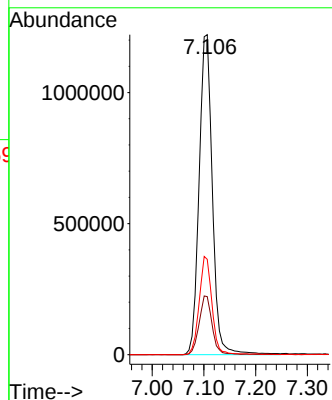
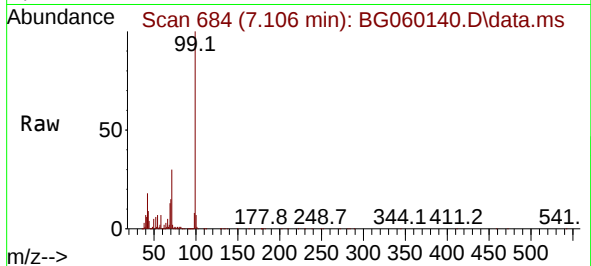




#7
Phenol-d6
Concen: 70.903 ng
RT: 7.106 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

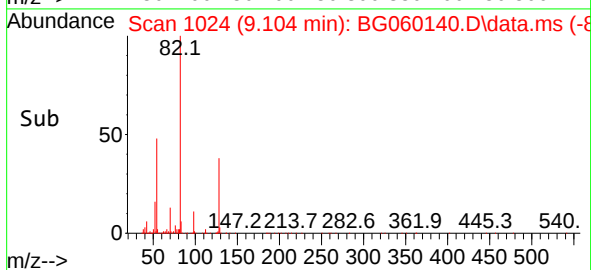
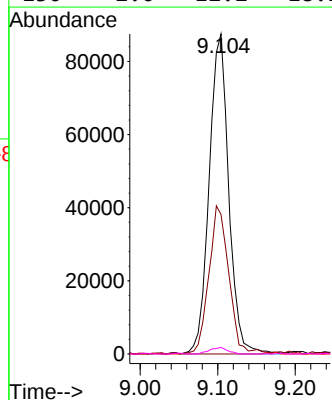
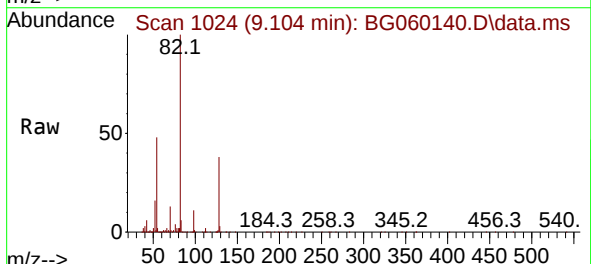
Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

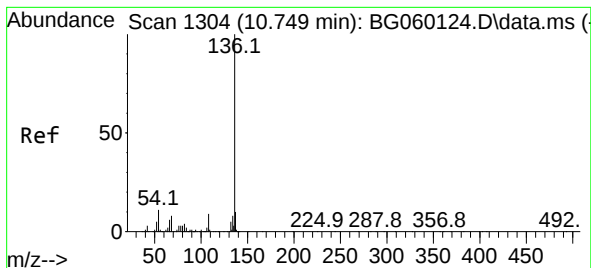
Tgt Ion: 99 Resp: 2176206
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 29.8 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 6.440 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.359 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion: 70 Resp: 153700
Ion Ratio Lower Upper
70 100
42 43.6 49.6 74.4#
101 0.0 6.2 9.4#
130 2.0 12.2 18.2#

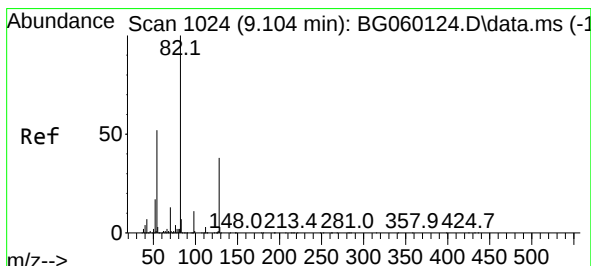
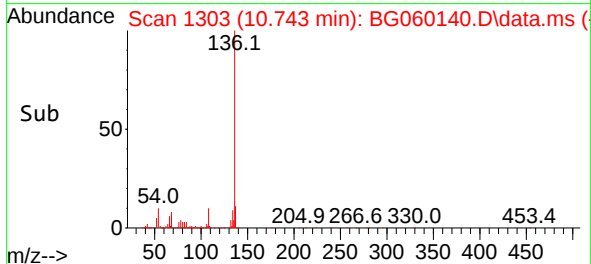
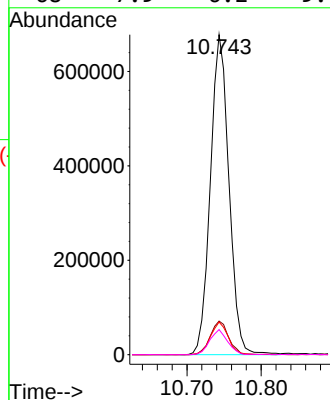
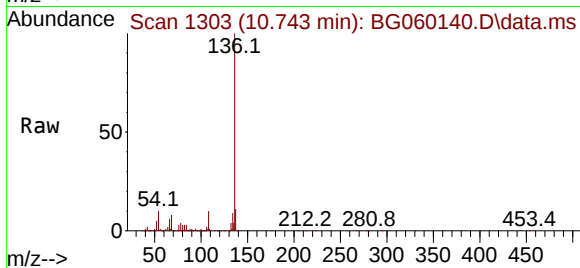




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

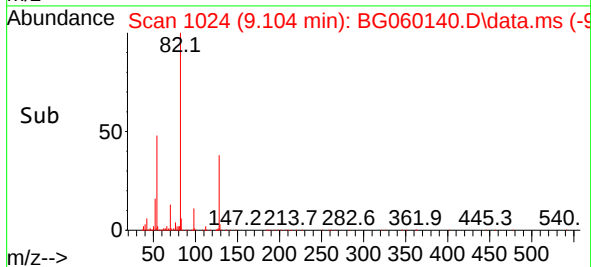
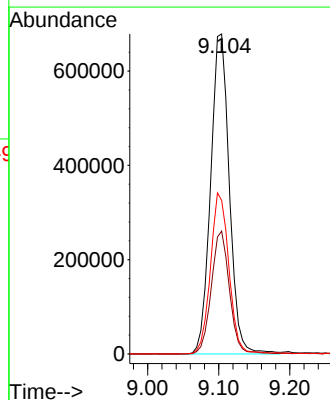
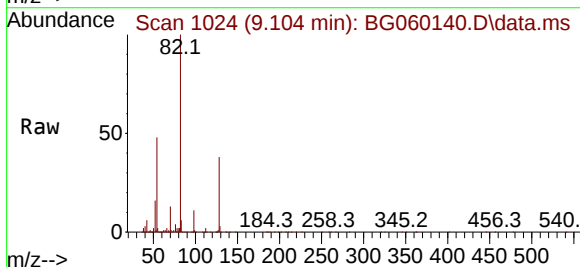
Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

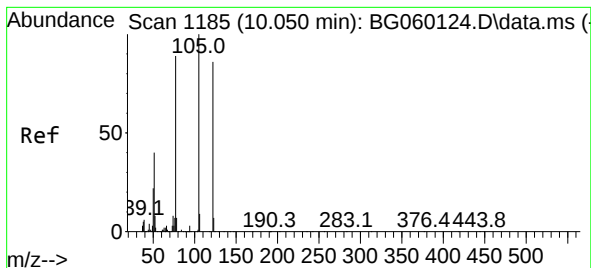
Tgt Ion:136 Resp: 1180882
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 10.2 8.7 13.1
68 7.9 6.2 9.4



#23
Nitrobenzene-d5
Concen: 51.498 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion: 82 Resp: 1241408
Ion Ratio Lower Upper
82 100
128 38.4 30.5 45.7
54 48.0 41.9 62.9





#32

Benzoic acid

Concen: 5.098 ng

RT: 10.068 min Scan# 1188

Delta R.T. 0.018 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

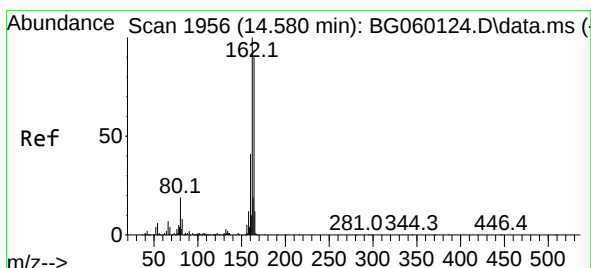
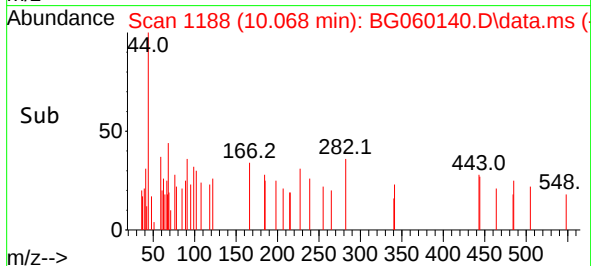
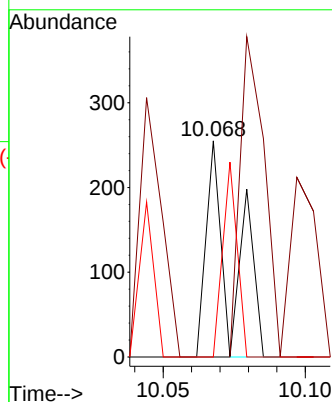
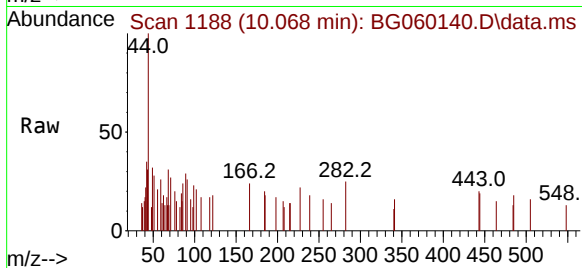
Instrument :

BNA_G

ClientSampleId :

GHL-SS-61

Tgt Ion:	122	Resp:	160
Ion	Ratio	Lower	Upper
122	100		
105	0.0	93.2	133.2#
77	0.0	81.7	121.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

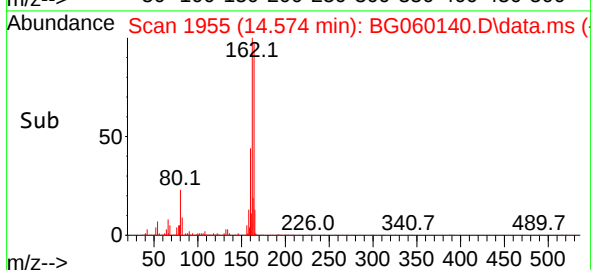
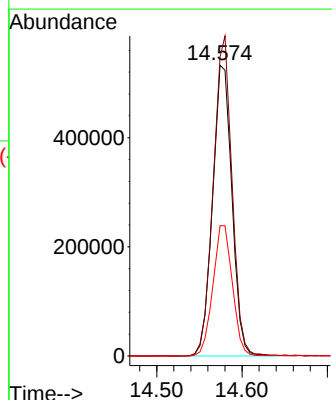
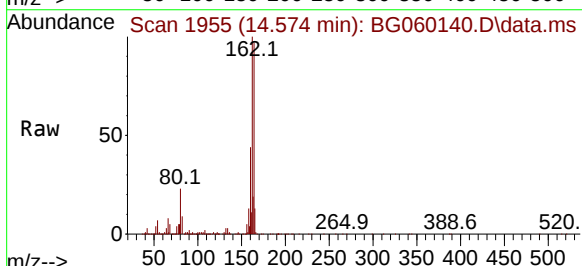
RT: 14.574 min Scan# 1955

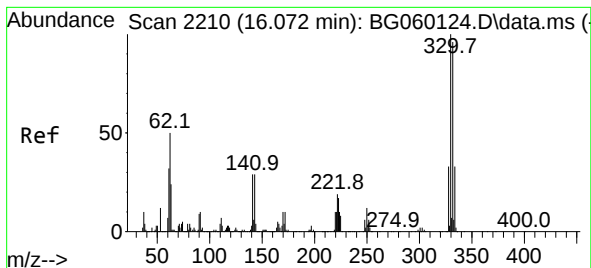
Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

Tgt Ion:	164	Resp:	840636
Ion	Ratio	Lower	Upper
164	100		
162	102.8	88.5	132.7
160	44.8	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 69.139 ng

RT: 16.067 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-61

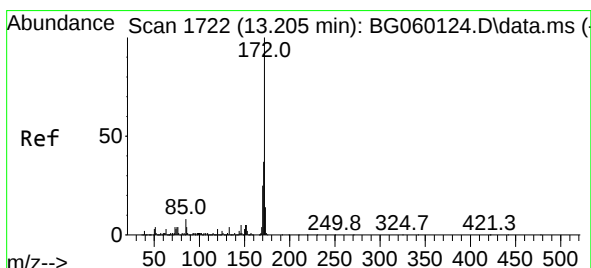
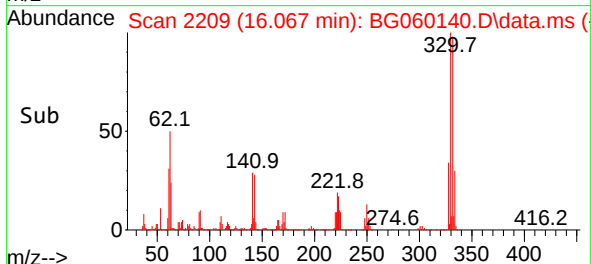
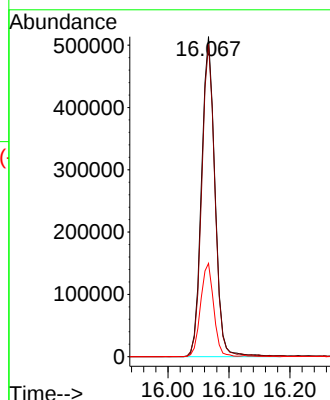
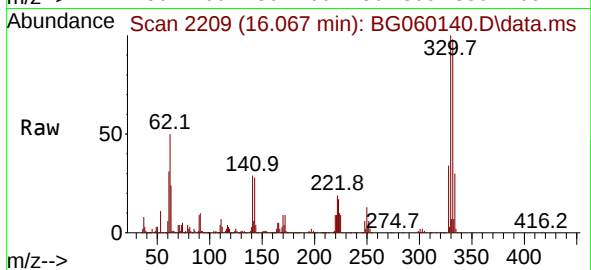
Tgt Ion:330 Resp: 782556

Ion Ratio Lower Upper

330 100

332 96.5 75.5 113.3

141 28.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 51.299 ng

RT: 13.199 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

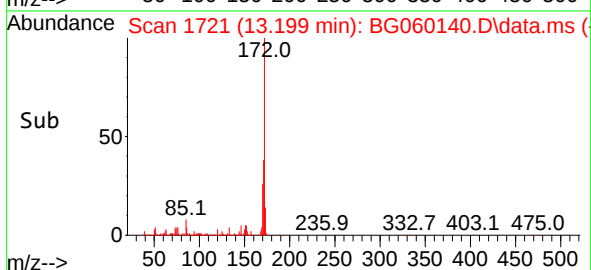
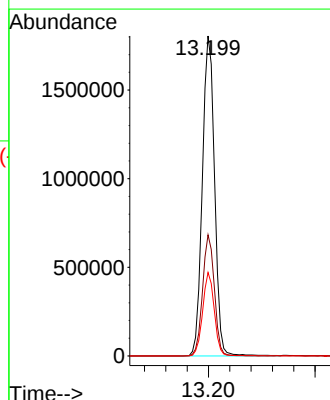
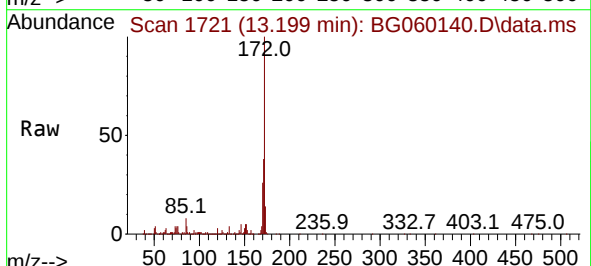
Tgt Ion:172 Resp: 2871943

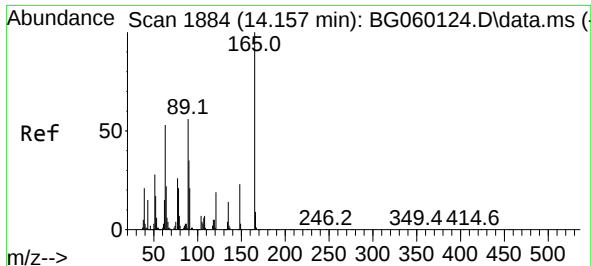
Ion Ratio Lower Upper

172 100

171 37.8 29.2 43.8

170 26.1 20.1 30.1

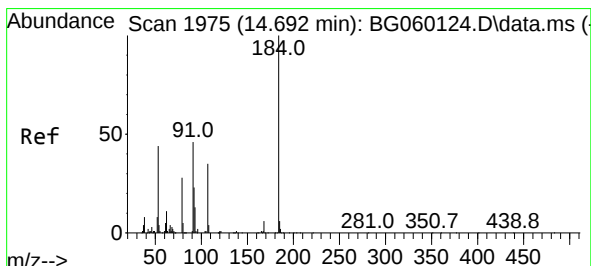
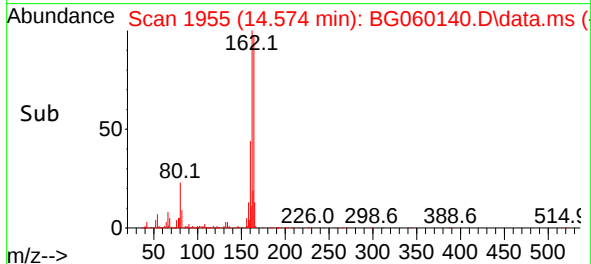
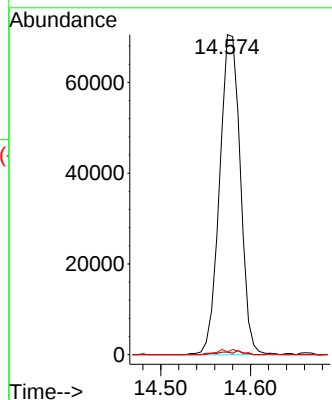
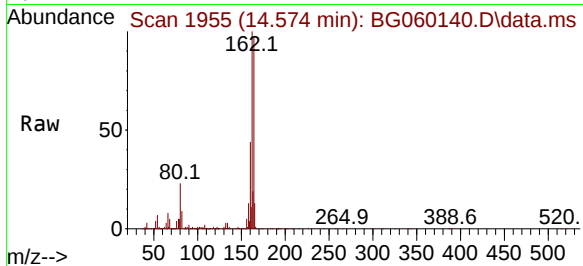




#51
2,6-Dinitrotoluene
Concen: 7.637 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.417 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

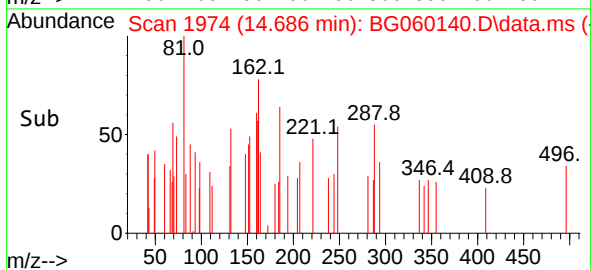
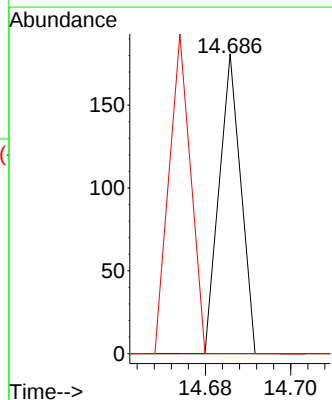
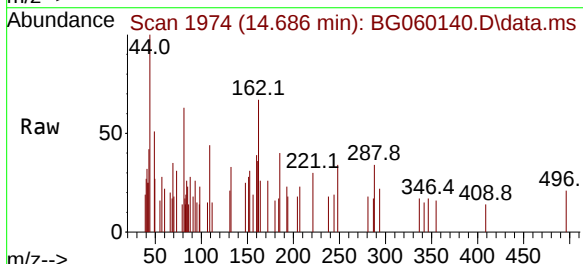
Instrument :
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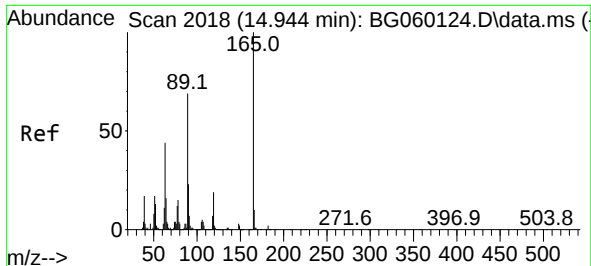
Tgt Ion:165 Resp: 112959
Ion Ratio Lower Upper
165 100
63 0.8 45.4 68.2#
89 0.8 44.6 66.8#



#54
2,4-Dinitrophenol
Concen: 6.625 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

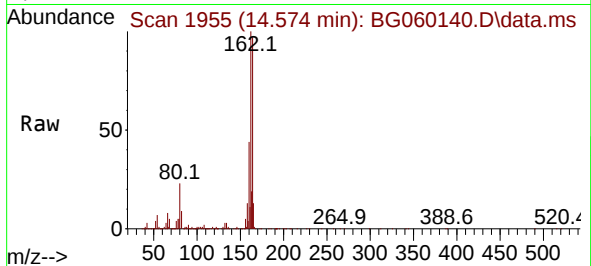
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 48.1 72.1#
154 0.0 44.3 66.5#



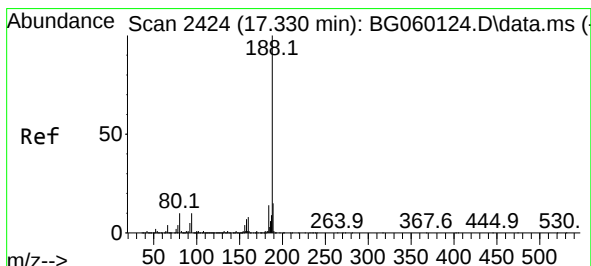
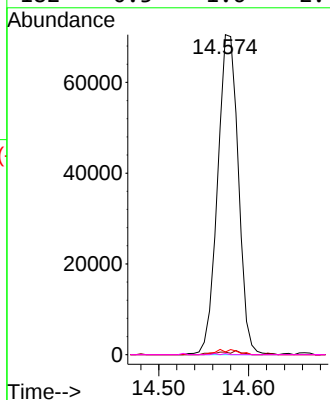
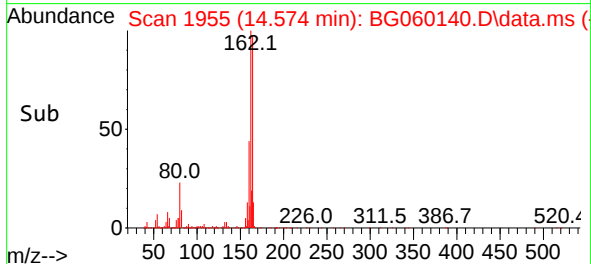


#57
2,4-Dinitrotoluene
Concen: 5.203 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.370 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

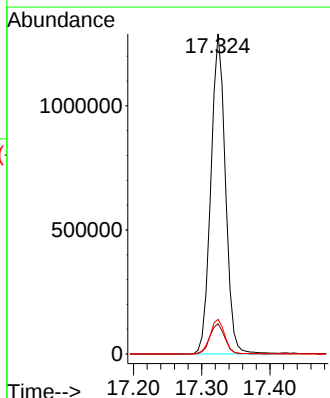
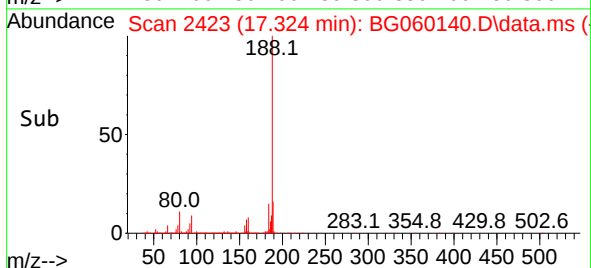
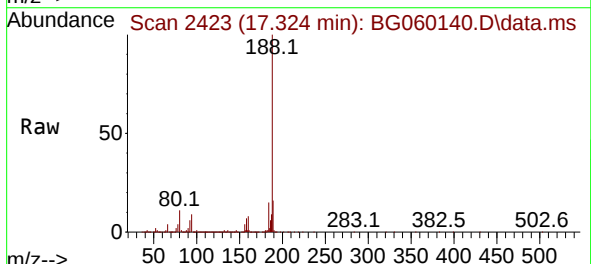


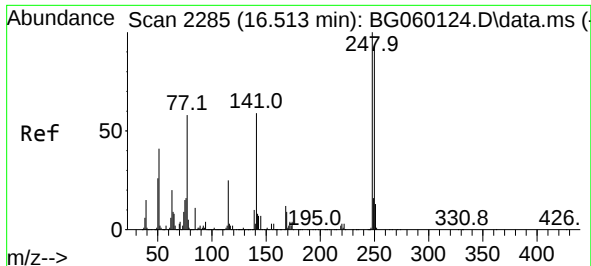
Tgt Ion:165 Resp: 112959
Ion Ratio Lower Upper
165 100
63 0.8 35.4 53.0#
89 0.8 55.6 83.4#
182 0.3 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion:188 Resp: 1918015
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.8 7.9 11.9

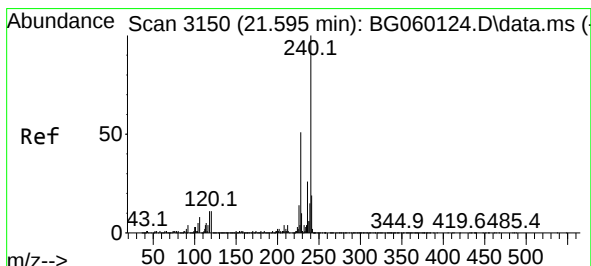
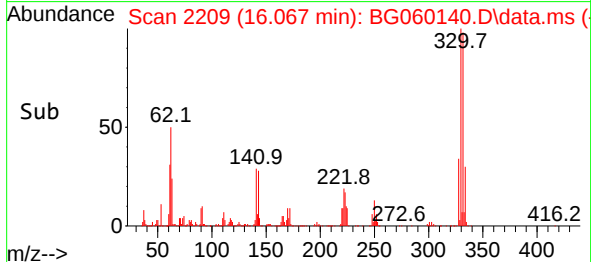
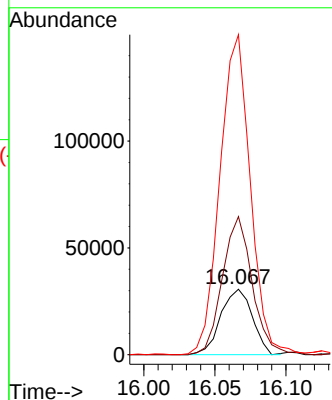
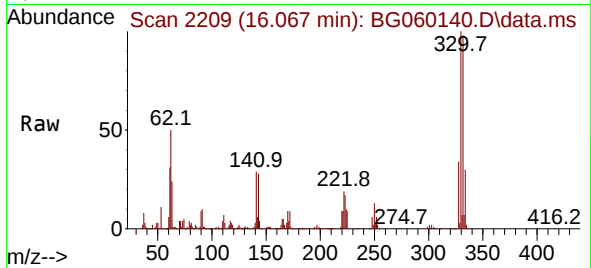




#67
4-Bromophenyl-phenylether
Concen: 2.623 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

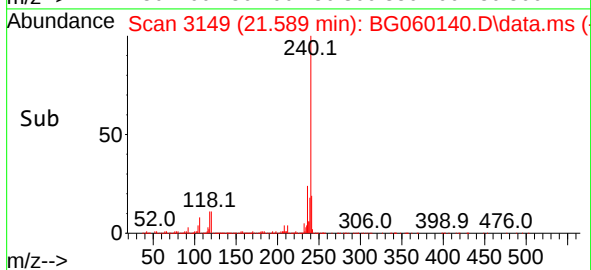
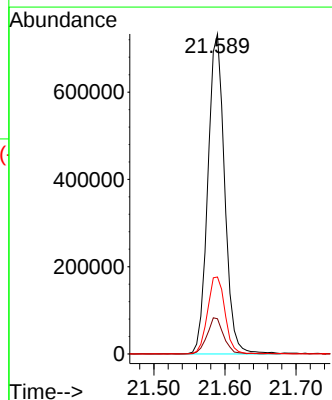
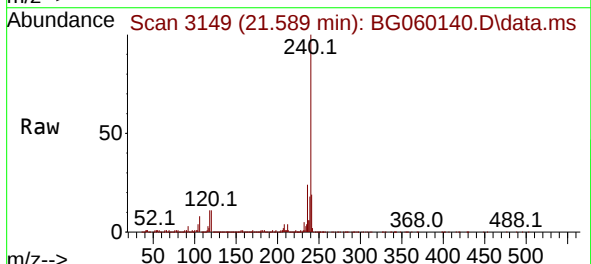
Instrument :
BNA_G
ClientSampleId :
GHL-SS-61

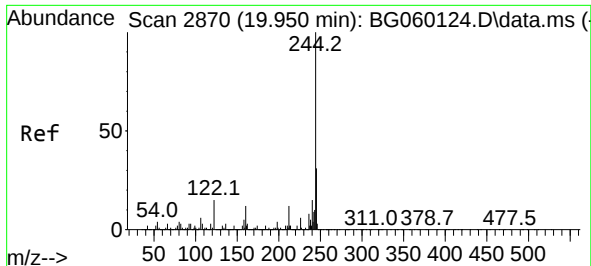
Tgt Ion:248 Resp: 47400
Ion Ratio Lower Upper
248 100
250 265.5 74.5 111.7#
141 488.6 47.4 71.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060140.D
Acq: 22 Dec 2023 16:11

Tgt Ion:240 Resp: 1203468
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 24.1 20.4 30.6





#79

Terphenyl-d14

Concen: 52.237 ng

RT: 19.944 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-61

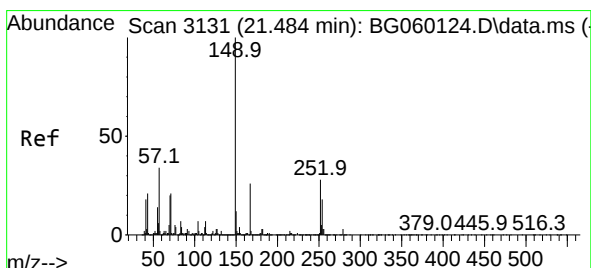
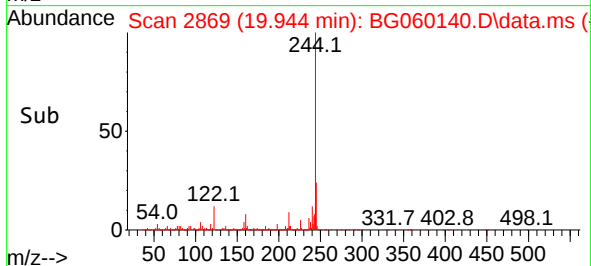
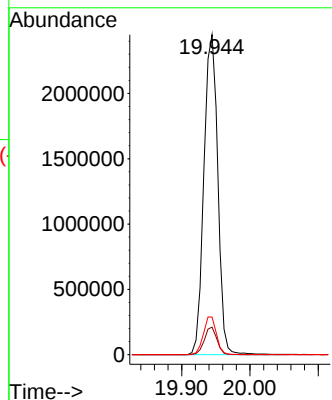
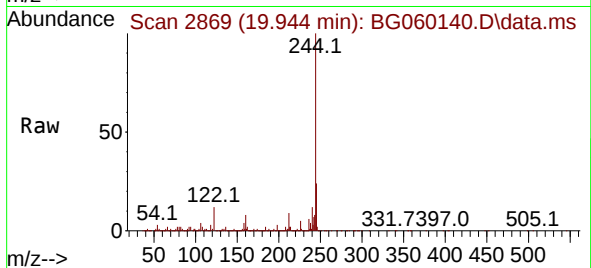
Tgt Ion:244 Resp: 3474102

Ion Ratio Lower Upper

244 100

212 8.6 9.5 14.3#

122 11.8 12.2 18.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.186 ng

RT: 21.478 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

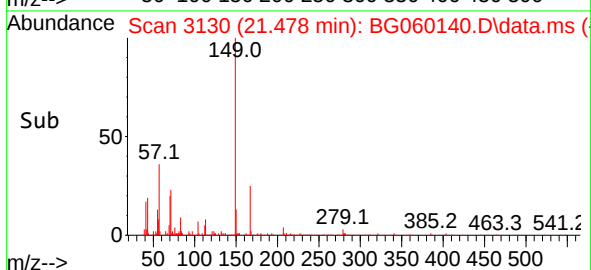
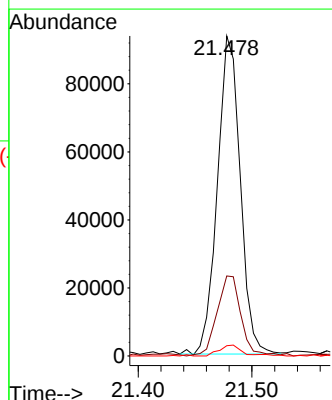
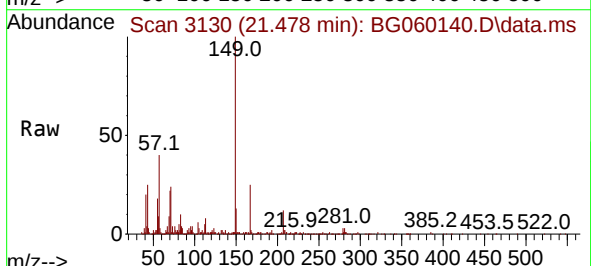
Tgt Ion:149 Resp: 130727

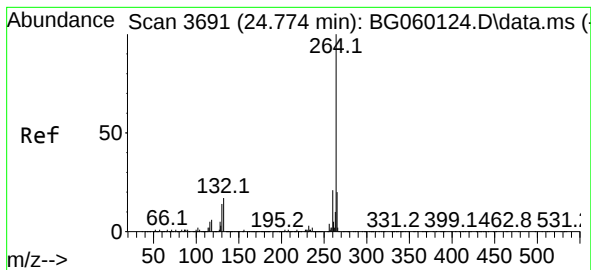
Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

279 3.2 2.1 3.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG060140.D

Acq: 22 Dec 2023 16:11

Instrument :

BNA_G

ClientSampleId :

GHL-SS-61

Tgt Ion:264 Resp: 1358911

Ion Ratio Lower Upper

264 100

260 22.5 17.1 25.7

265 22.8 16.0 24.0

