

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060141.D
 Acq On : 22 Dec 2023 16:51
 Operator : MA/JU
 Sample : 05900-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-64a

Quant Time: Dec 22 17:34:40 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	7.944	152	241968	20.000	ng	# 0.00
21) Naphthalene-d8	10.746	136	1104459	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	901176	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	2207674	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1502504	20.000	ng	0.00
86) Perylene-d12	24.765	264	1584769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1488788	96.951	ng	0.00
7) Phenol-d6	7.104	99	2345900	90.773	ng	0.00
23) Nitrobenzene-d5	9.101	82	1329063	58.950	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1055745	87.010	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	3412170	56.854	ng	0.00
79) Terphenyl-d14	19.942	244	4483149	53.993	ng	0.00

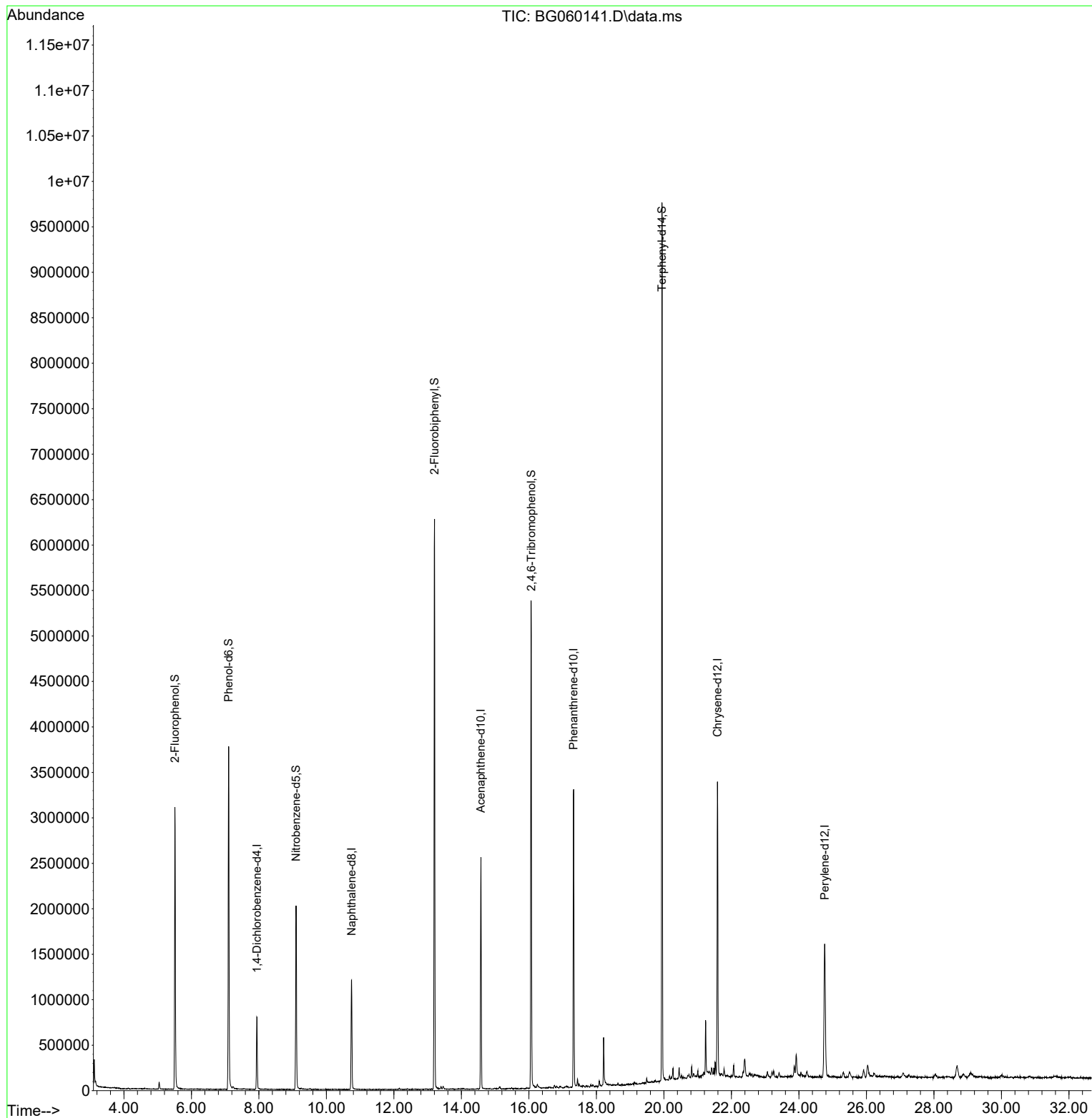
Target Compounds	Qvalue

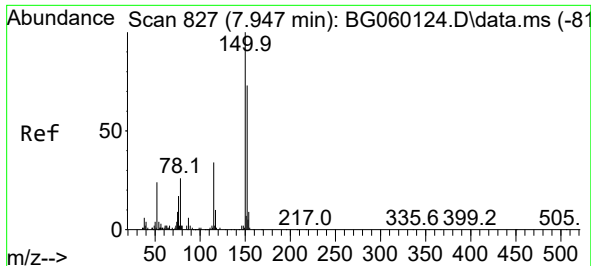
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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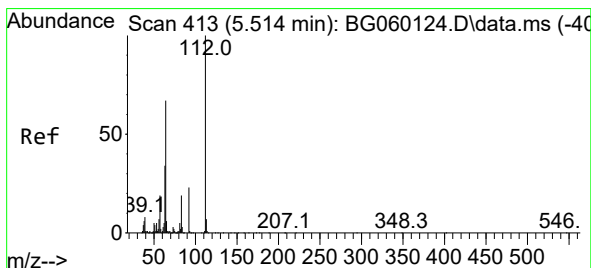
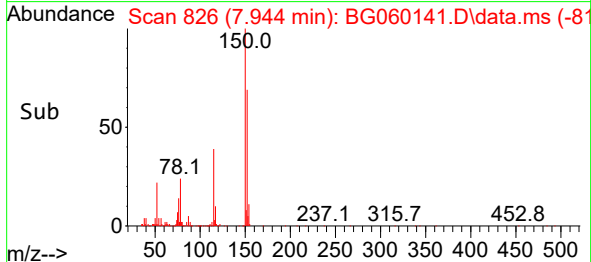
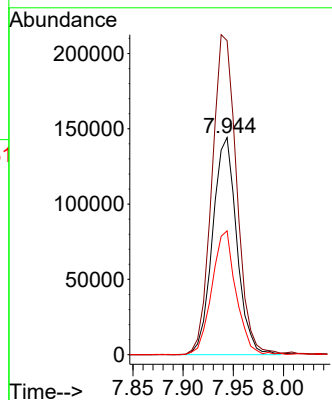
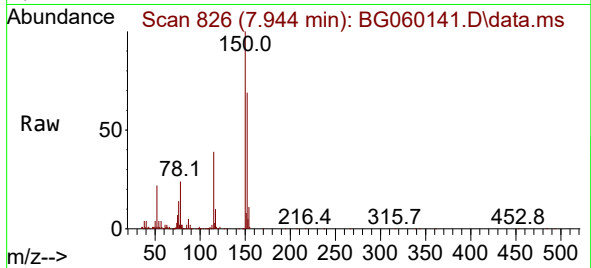




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.944 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

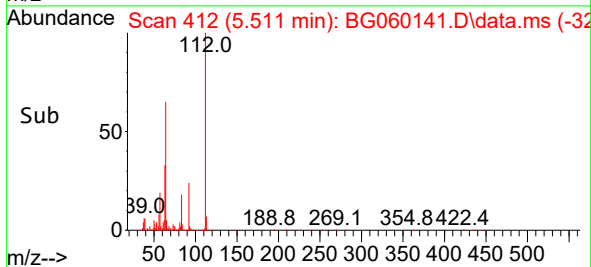
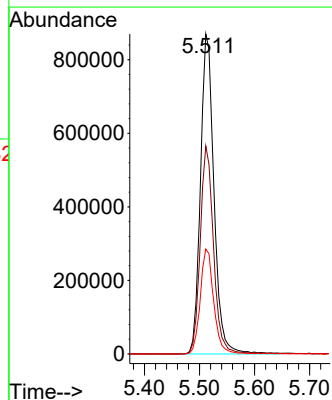
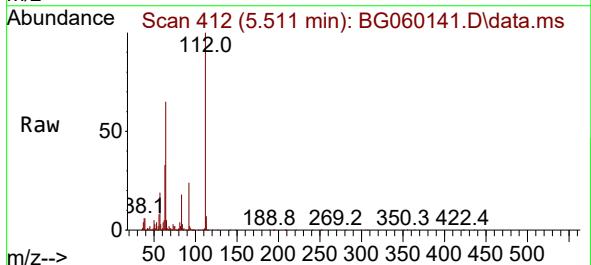
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

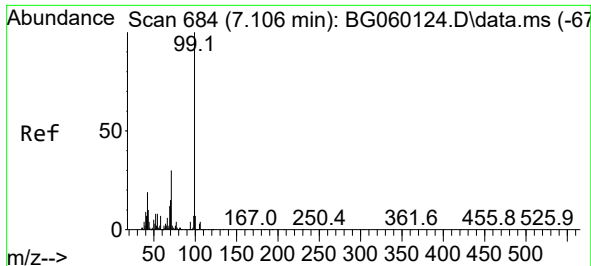
Tgt Ion:152 Resp: 241968
Ion Ratio Lower Upper
152 100
150 144.7 109.4 164.0
115 57.1 36.5 54.7#



#5
2-Fluorophenol
Concen: 96.951 ng
RT: 5.511 min Scan# 412
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:112 Resp: 1488788
Ion Ratio Lower Upper
112 100
64 65.0 53.3 79.9
63 32.8 27.1 40.7

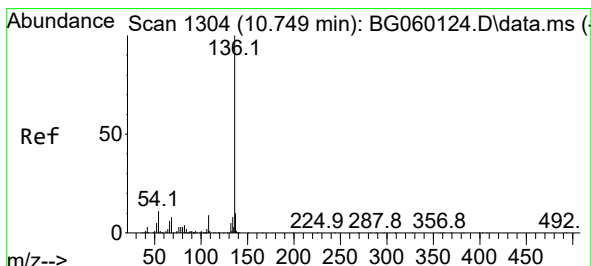
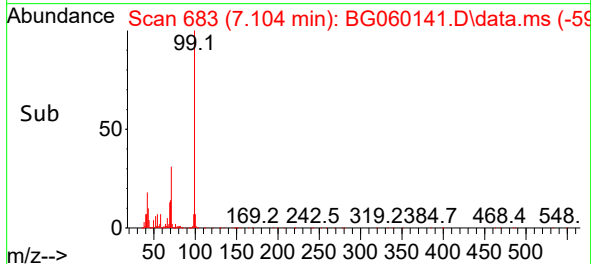
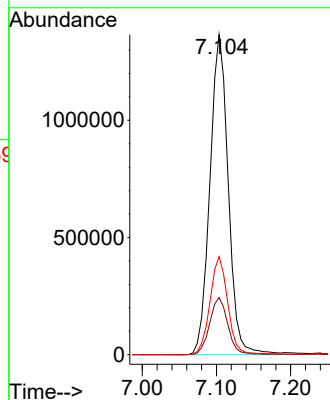
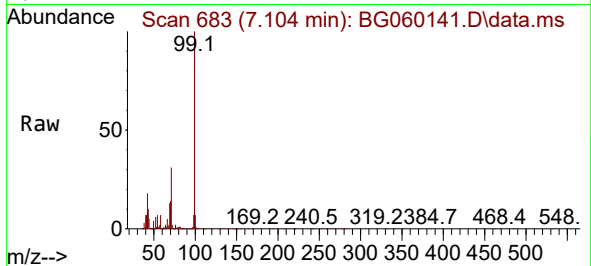




#7
Phenol-d6
Concen: 90.773 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

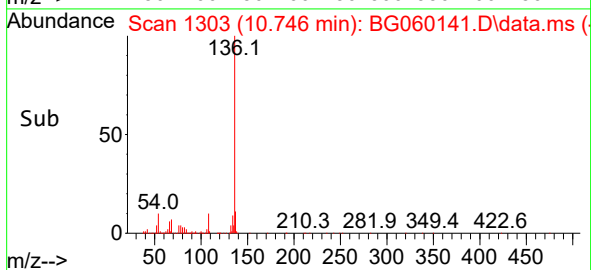
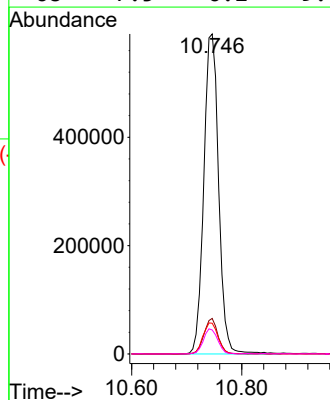
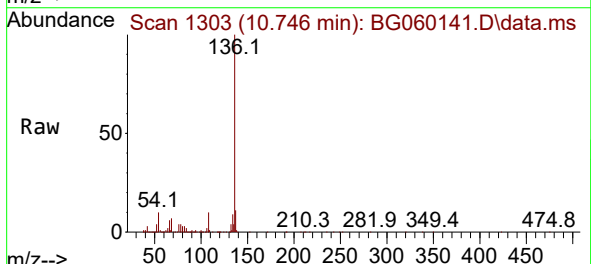
Instrument :
BNA_G
ClientSampleId :
GHL-SS-64a

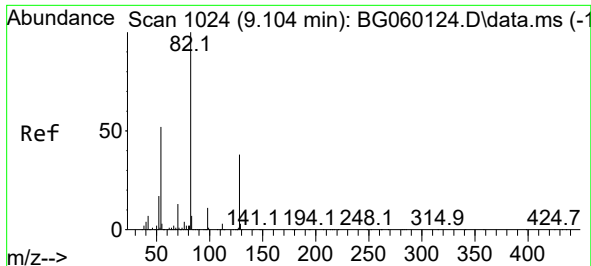
Tgt Ion: 99 Resp: 2345900
Ion Ratio Lower Upper
99 100
42 17.9 15.2 22.8
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1303
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:136 Resp: 1104459
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.6 8.7 13.1
68 7.5 6.2 9.4





#23

Nitrobenzene-d5

Concen: 58.950 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.003 min

Lab File: BG060141.D

Acq: 22 Dec 2023 16:51

Instrument :

BNA_G

ClientSampleId :

GHL-SS-64a

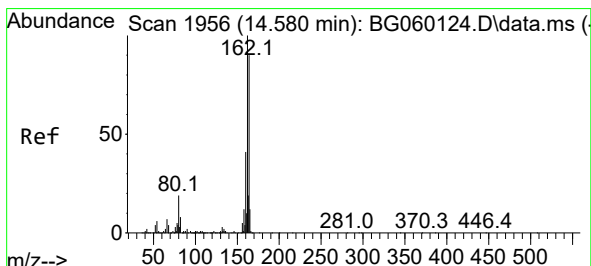
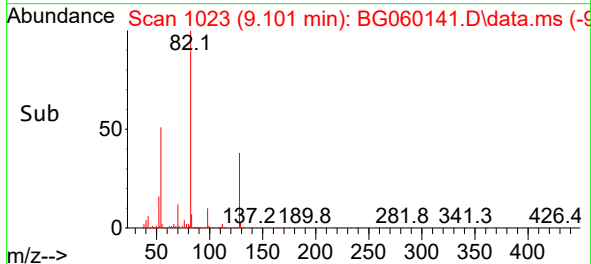
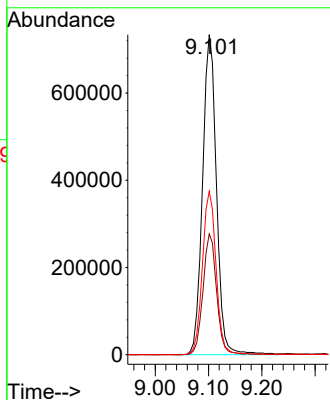
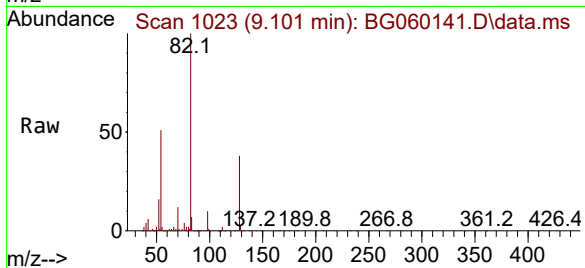
Tgt Ion: 82 Resp: 1329063

Ion Ratio Lower Upper

82 100

128 37.8 30.5 45.7

54 51.0 41.9 62.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.577 min Scan# 1955

Delta R.T. -0.003 min

Lab File: BG060141.D

Acq: 22 Dec 2023 16:51

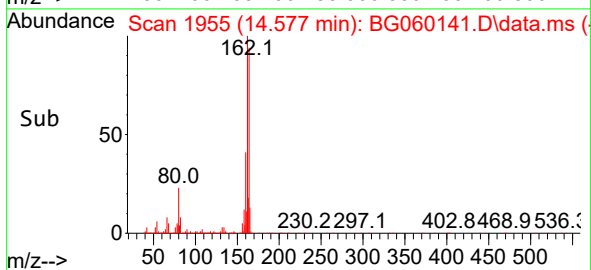
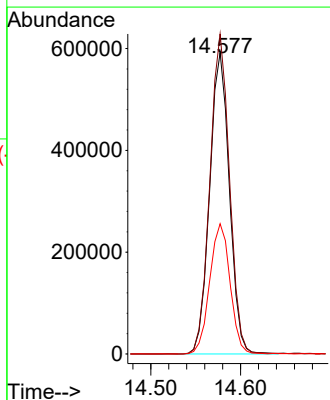
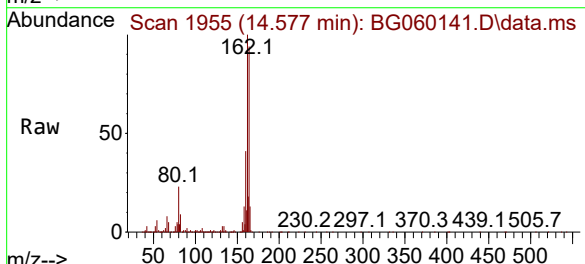
Tgt Ion:164 Resp: 901176

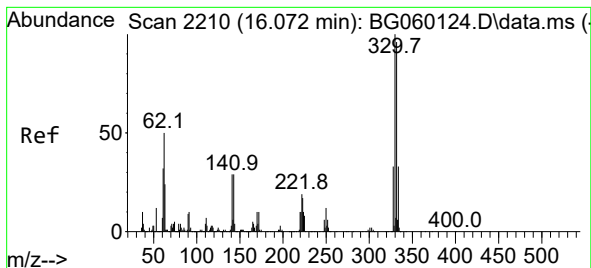
Ion Ratio Lower Upper

164 100

162 106.2 88.5 132.7

160 43.2 36.2 54.2

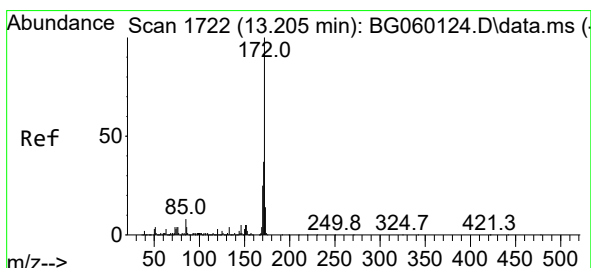
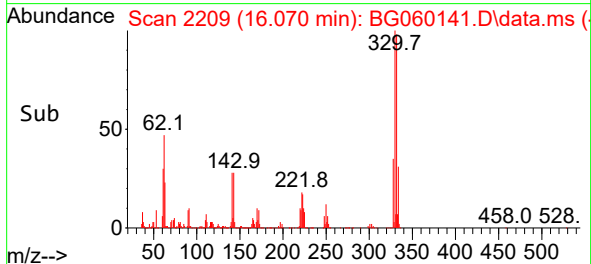
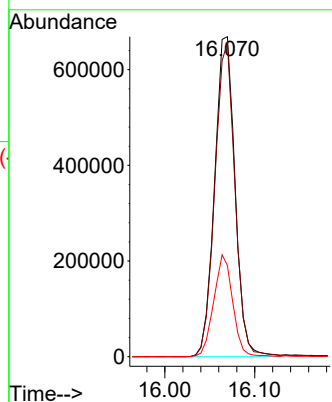
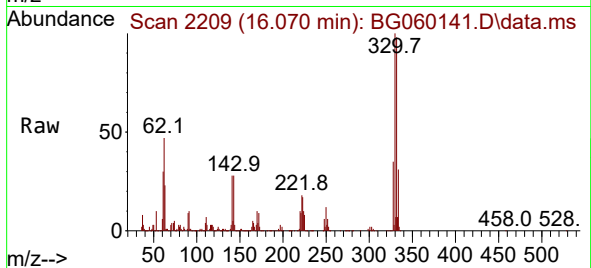




#42
2,4,6-Tribromophenol
Concen: 87.010 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

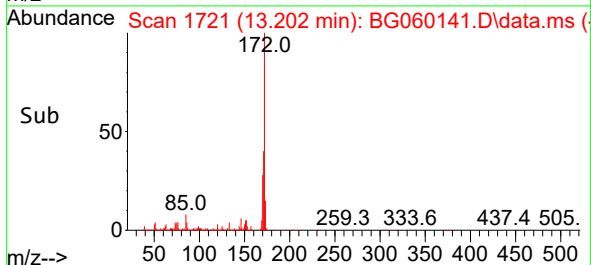
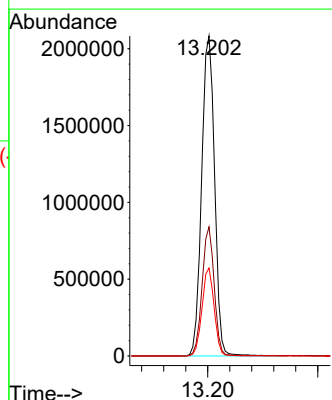
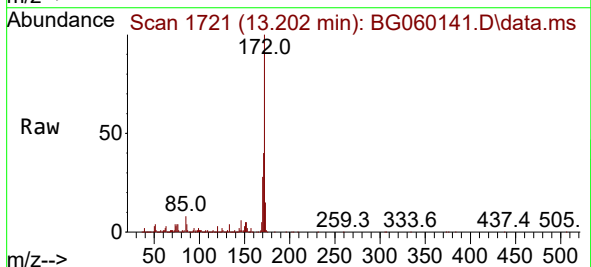
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BNA_G
ClientSampleId :
GHL-SS-64a

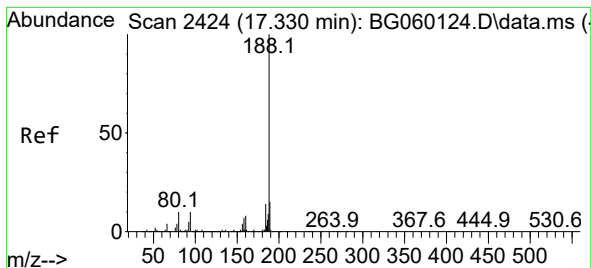
Tgt Ion:330 Resp: 1055745
Ion Ratio Lower Upper
330 100
332 96.7 75.5 113.3
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 56.854 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060141.D
Acq: 22 Dec 2023 16:51

Tgt Ion:172 Resp: 3412170
Ion Ratio Lower Upper
172 100
171 40.4 29.2 43.8
170 27.5 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG060141.D

Acq: 22 Dec 2023 16:51

Instrument :

BNA_G

ClientSampleId :

GHL-SS-64a

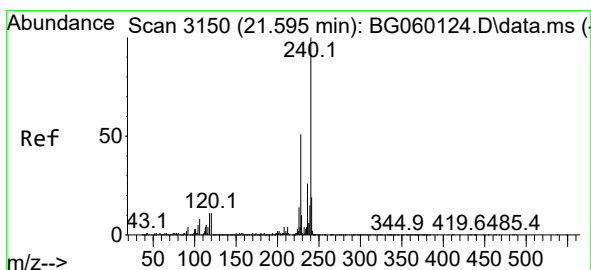
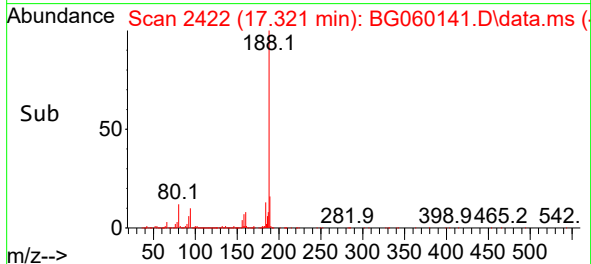
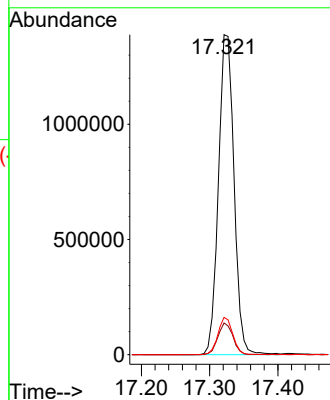
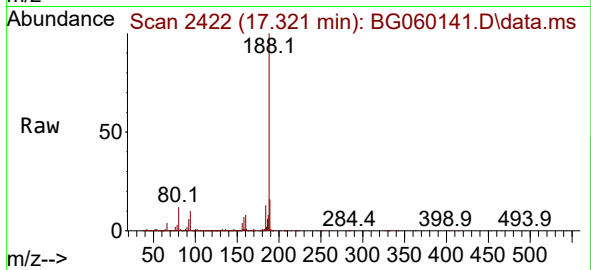
Tgt Ion:188 Resp: 2207674

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 11.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.587 min Scan# 3148

Delta R.T. -0.009 min

Lab File: BG060141.D

Acq: 22 Dec 2023 16:51

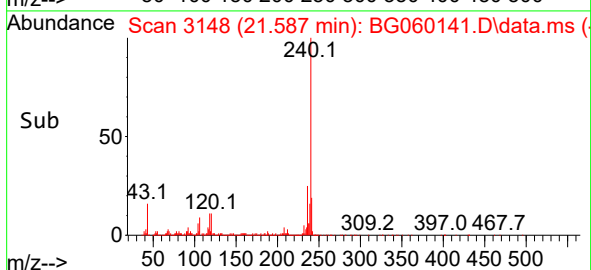
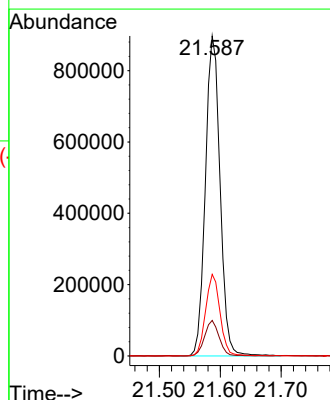
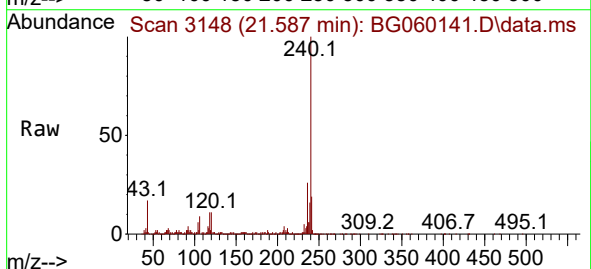
Tgt Ion:240 Resp: 1502504

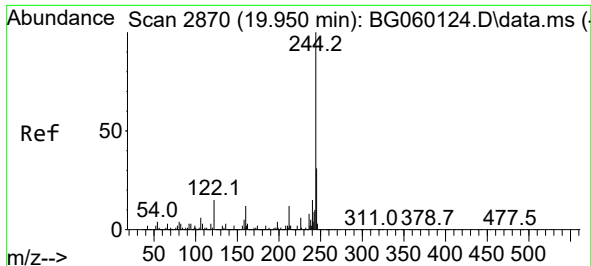
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

236 25.5 20.4 30.6

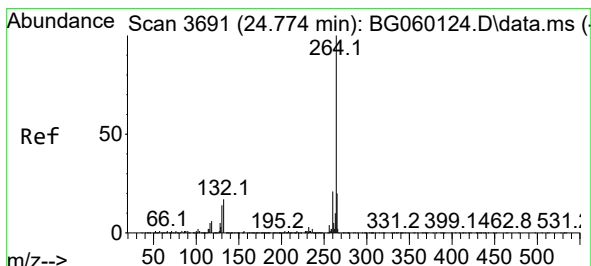
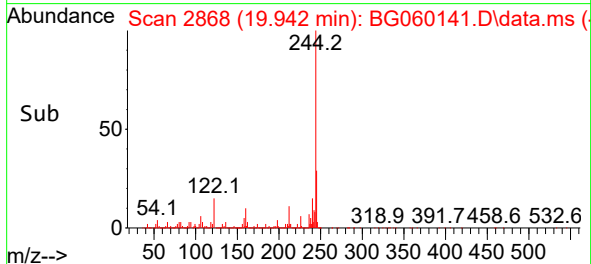
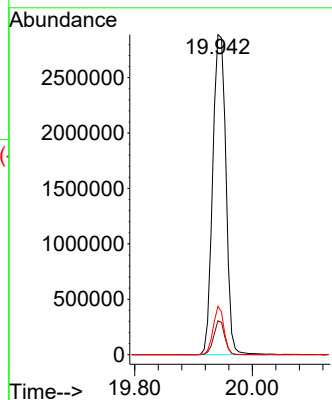
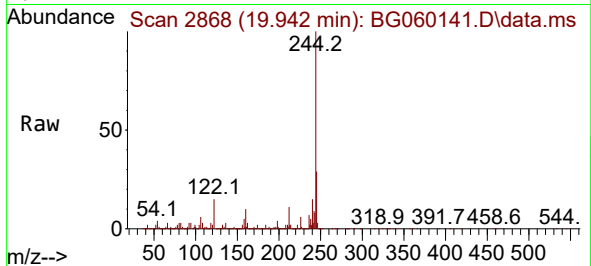




#79
 Terphenyl-d14
 Concen: 53.993 ng
 RT: 19.942 min Scan# 2868
 Delta R.T. -0.008 min
 Lab File: BG060141.D
 Acq: 22 Dec 2023 16:51

Instrument :
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 ClientSampleId :
 GHL-SS-64a

Tgt Ion:244 Resp: 4483149
 Ion Ratio Lower Upper
 244 100
 212 10.6 9.5 14.3
 122 15.1 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 3689
 Delta R.T. -0.009 min
 Lab File: BG060141.D
 Acq: 22 Dec 2023 16:51

Tgt Ion:264 Resp: 1584769
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.1 25.7
 265 20.7 16.0 24.0

