

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060100.D
 Acq On : 20 Dec 2023 12:00
 Operator : MA/JU
 Sample : PB157861BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157861BL

Quant Time: Dec 20 13:00:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	44140	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	161412	20.000	ng	# 0.00
39) Acenaphthene-d10	14.589	164	163009	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	597647	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	774439	20.000	ng	#-0.01
86) Perylene-d12	24.794	264	799781	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	284175	110.210	ng	0.00
7) Phenol-d6	7.109	99	433140	119.419	ng	0.00
23) Nitrobenzene-d5	9.113	82	315861	88.858	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	629637	165.743	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1140770	85.651	ng	0.00
79) Terphenyl-d14	19.959	244	3791127	89.374	ng	0.00

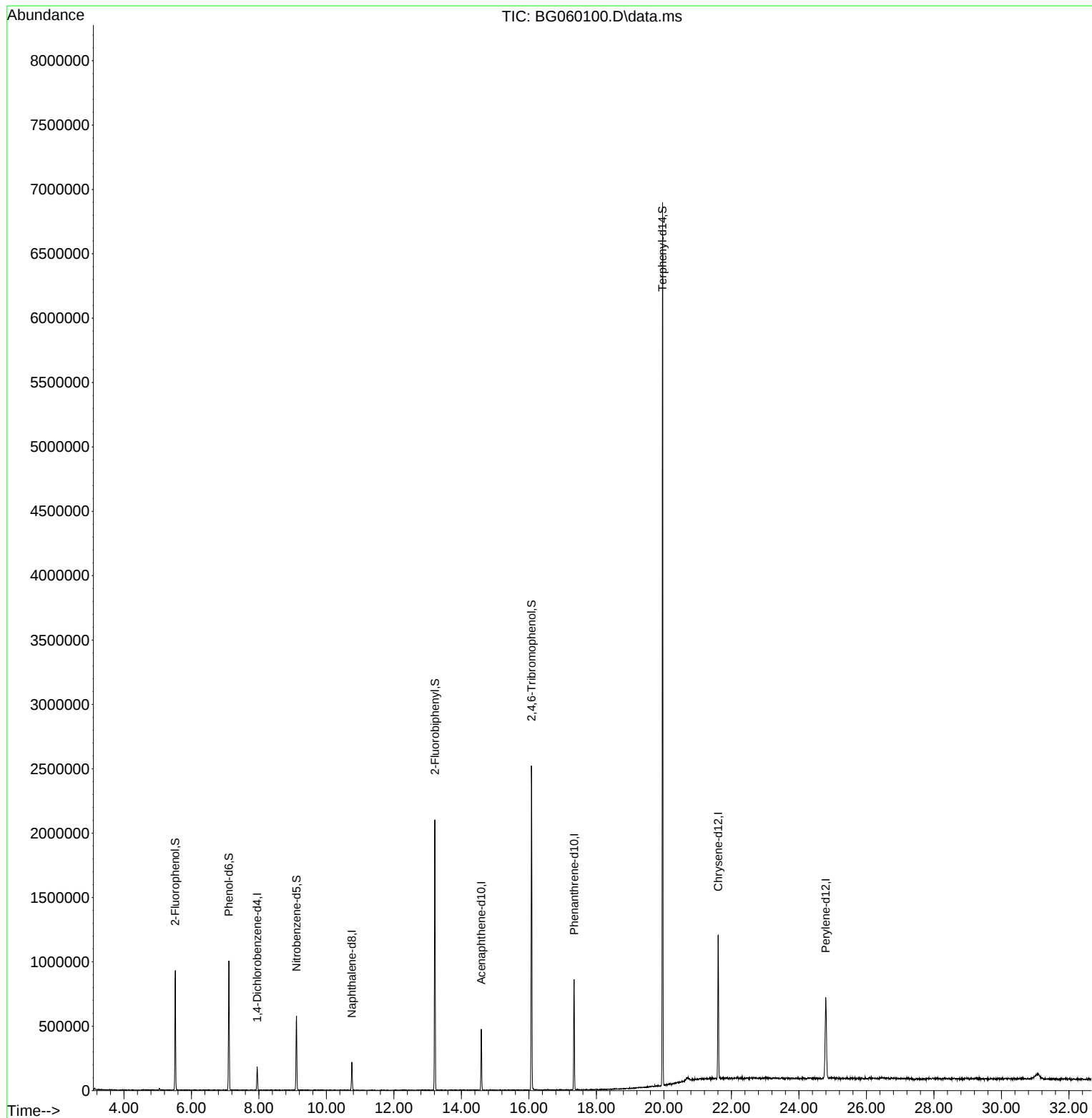
Target Compounds	Qvalue

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

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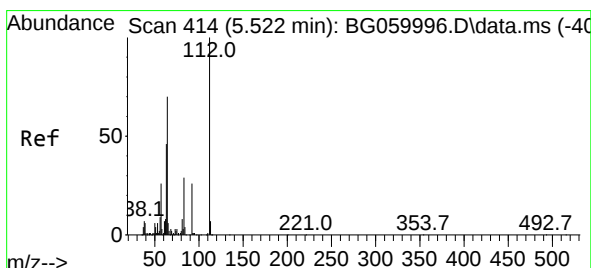
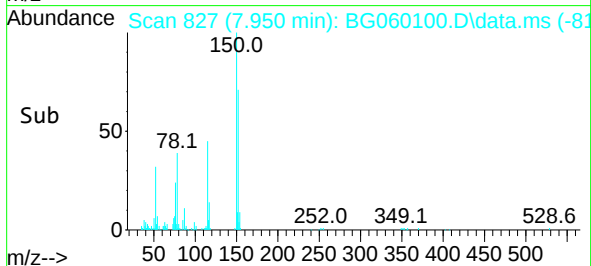
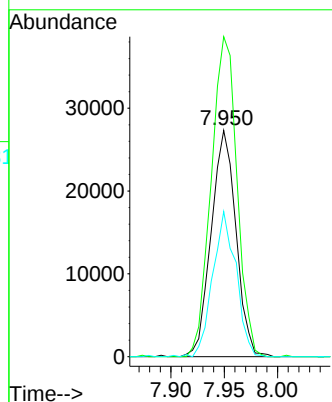
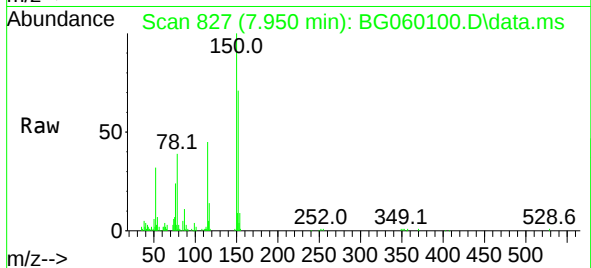




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

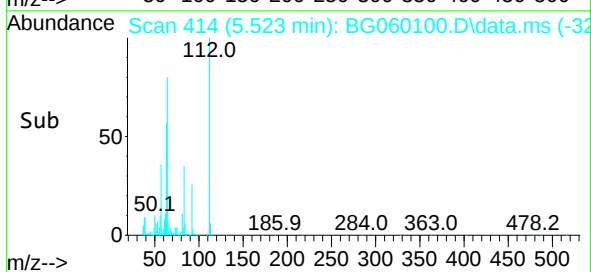
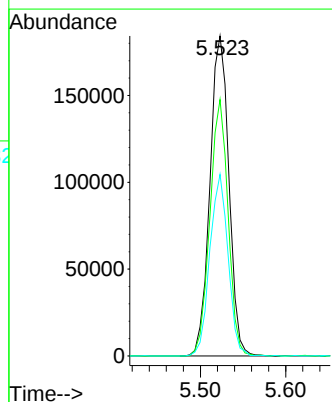
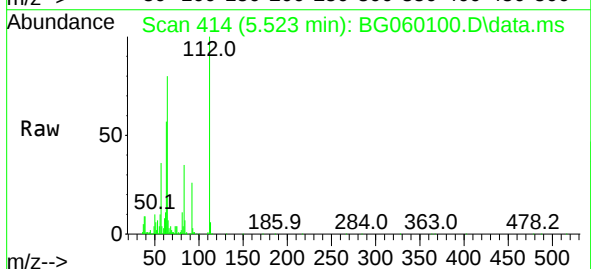
Instrument :
BNA_G
ClientSampleId :
PB157861BL

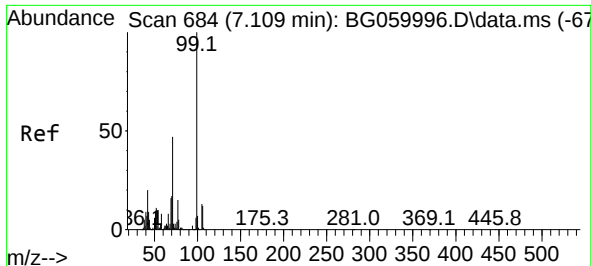
Tgt Ion:152 Resp: 44140
Ion Ratio Lower Upper
152 100
150 141.4 127.0 190.6
115 64.1 45.7 68.5



#5
2-Fluorophenol
Concen: 110.210 ng
RT: 5.523 min Scan# 414
Delta R.T. -0.003 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:112 Resp: 284175
Ion Ratio Lower Upper
112 100
64 80.1 55.9 83.9
63 56.8 36.5 54.7#

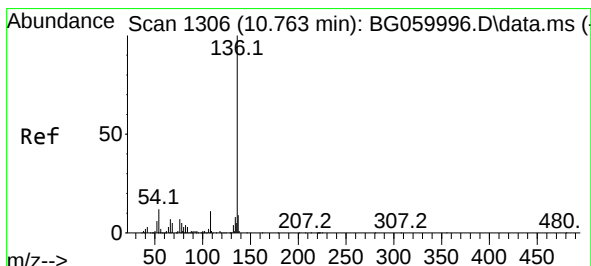
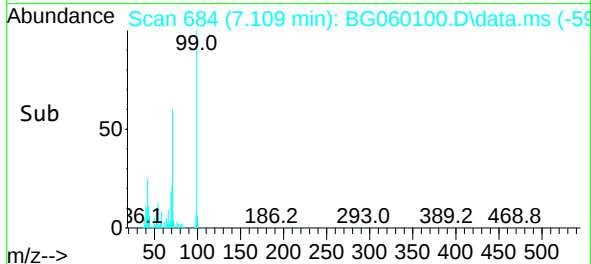
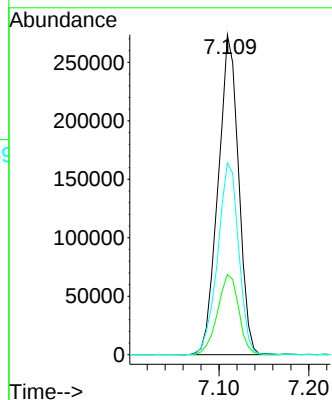
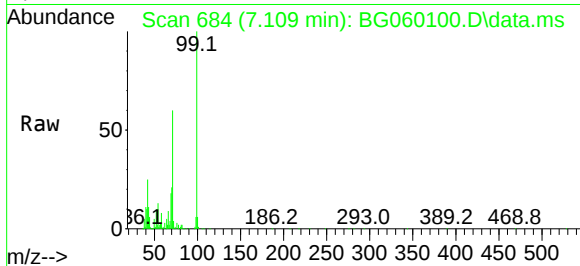




#7
Phenol-d6
Concen: 119.419 ng
RT: 7.109 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

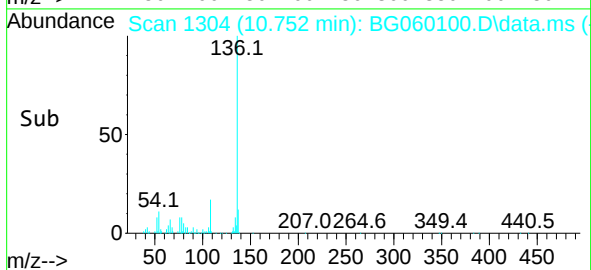
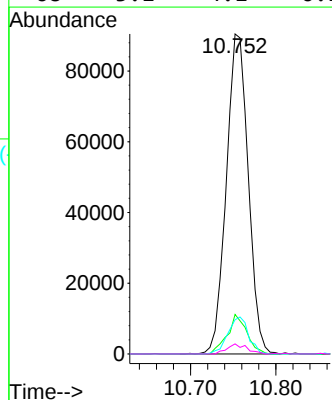
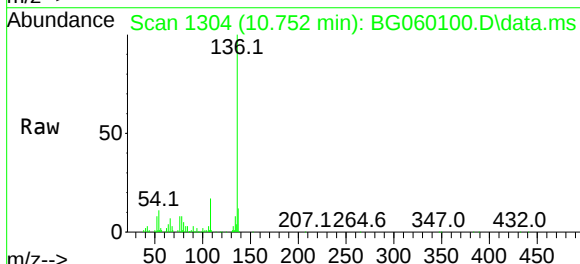
Instrument :
BNA_G
ClientSampleId :
PB157861BL

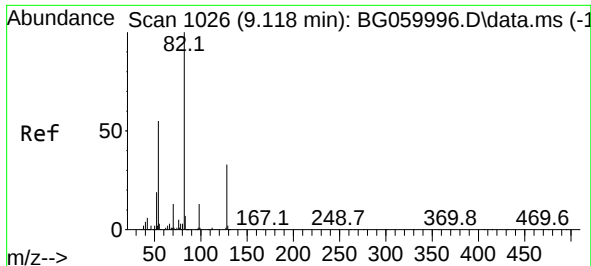
Tgt Ion: 99 Resp: 433140
Ion Ratio Lower Upper
99 100
42 25.1 16.2 24.4#
71 59.9 37.6 56.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1304
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:136 Resp: 161412
Ion Ratio Lower Upper
136 100
137 12.4 7.3 10.9#
54 10.7 9.6 14.4
68 3.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 88.858 ng

RT: 9.113 min Scan# 10

Delta R.T. -0.009 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

Instrument :

BNA_G

ClientSampleId :

PB157861BL

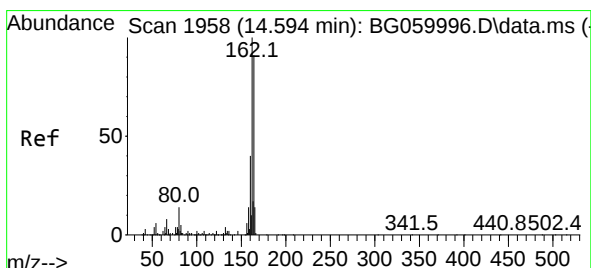
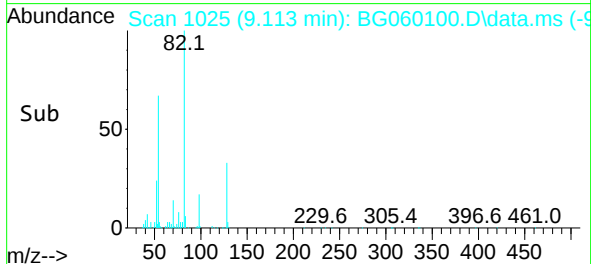
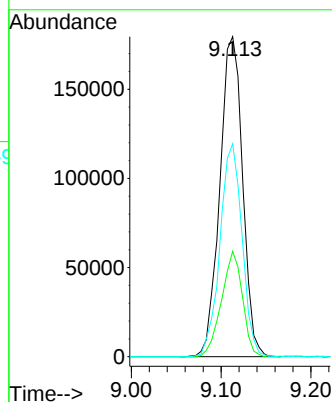
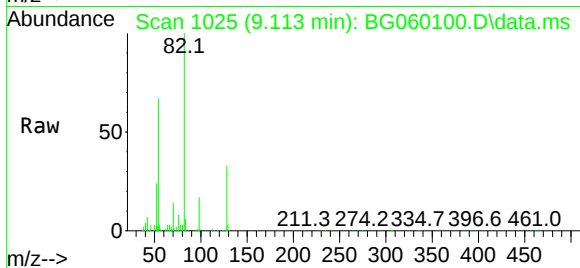
Tgt Ion: 82 Resp: 315861

Ion Ratio Lower Upper

82 100

128 33.0 26.3 39.5

54 66.5 44.3 66.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.589 min Scan# 1957

Delta R.T. -0.009 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

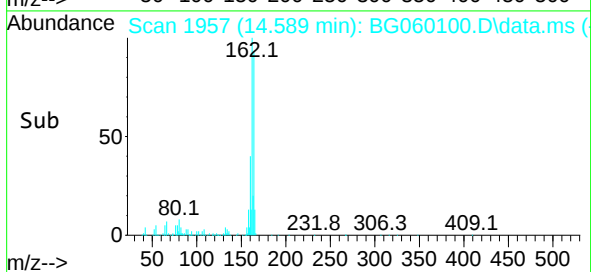
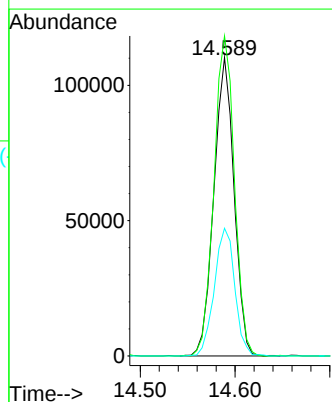
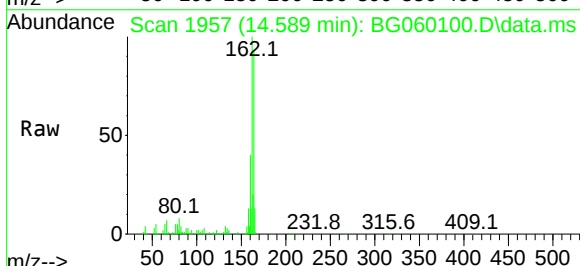
Tgt Ion:164 Resp: 163009

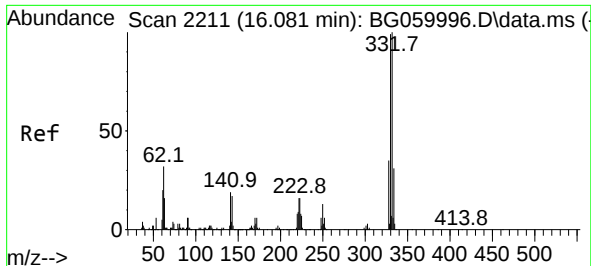
Ion Ratio Lower Upper

164 100

162 107.2 88.1 132.1

160 42.8 35.4 53.0

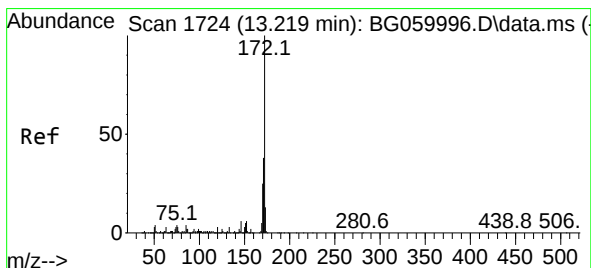
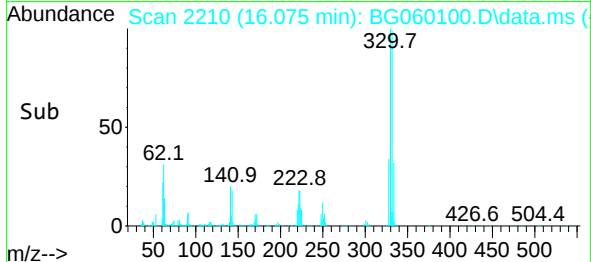
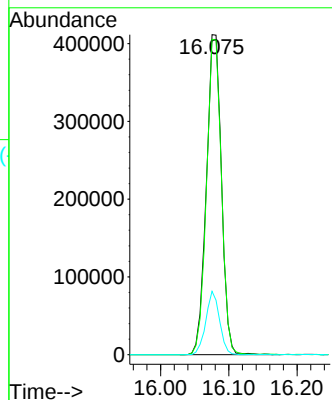
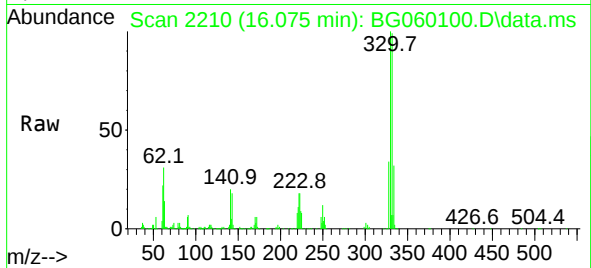




#42
2,4,6-Tribromophenol
Concen: 165.743 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

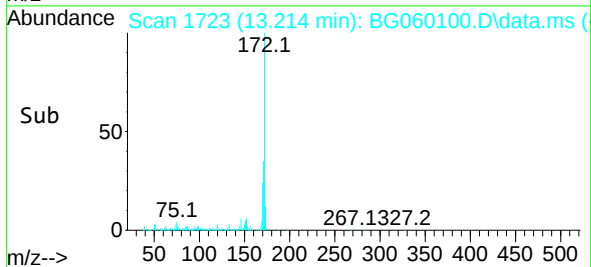
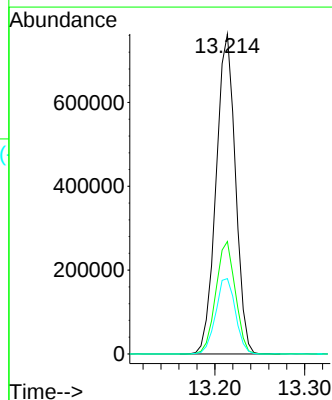
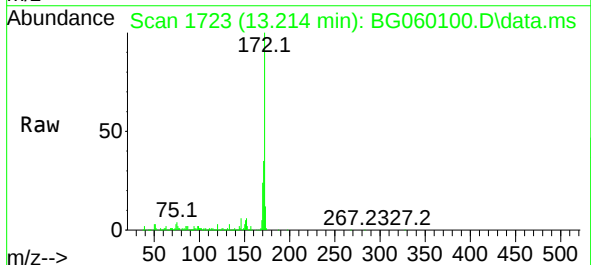
Instrument :
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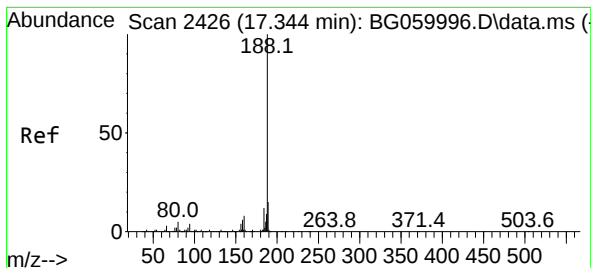
Tgt Ion:330 Resp: 629637
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 18.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 85.651 ng
RT: 13.214 min Scan# 1723
Delta R.T. -0.003 min
Lab File: BG060100.D
Acq: 20 Dec 2023 12:00

Tgt Ion:172 Resp: 1140770
Ion Ratio Lower Upper
172 100
171 35.2 30.1 45.1
170 23.6 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

Instrument :

BNA_G

ClientSampleId :

PB157861BL

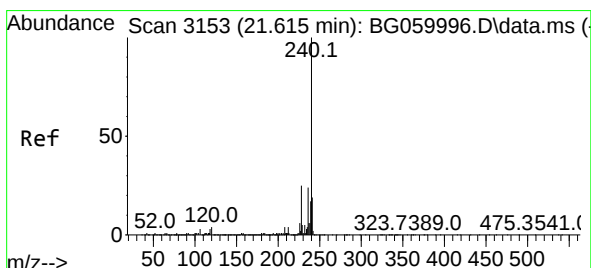
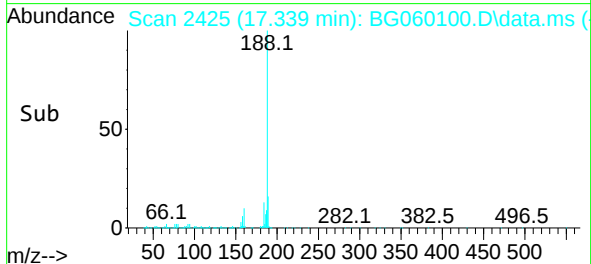
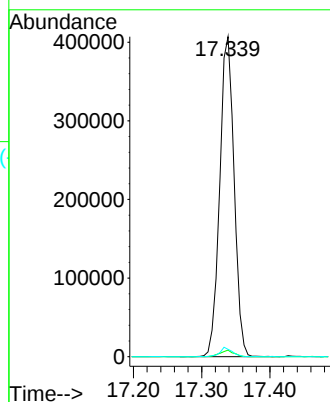
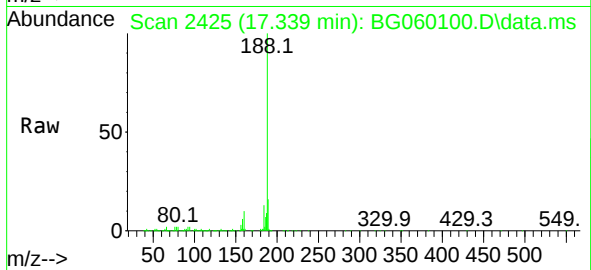
Tgt Ion:188 Resp: 597647

Ion Ratio Lower Upper

188 100

94 2.1 3.0 4.6#

80 2.3 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3151

Delta R.T. -0.015 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

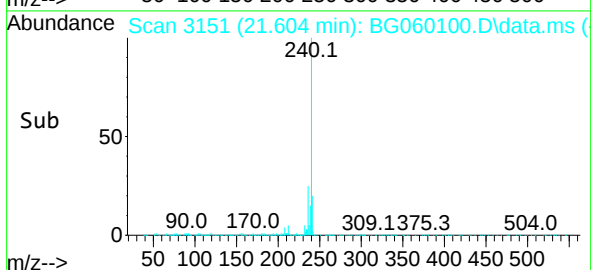
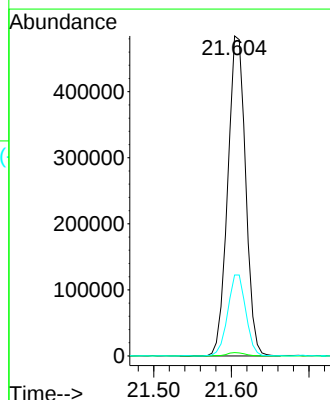
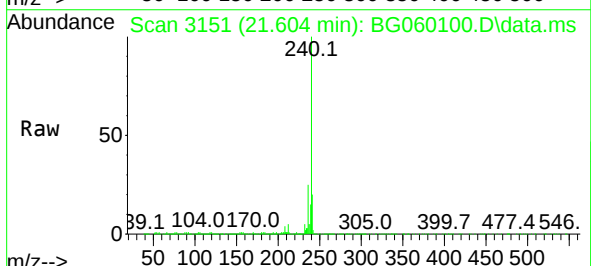
Tgt Ion:240 Resp: 774439

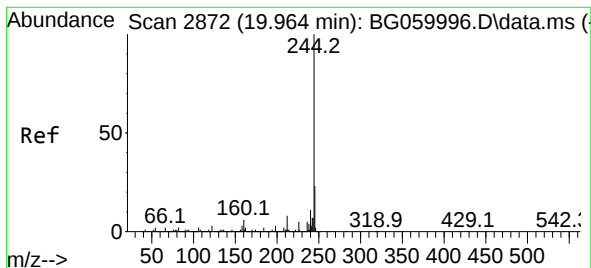
Ion Ratio Lower Upper

240 100

120 1.1 2.9 4.3#

236 25.3 19.4 29.2





#79

Terphenyl-d14

Concen: 89.374 ng

RT: 19.959 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

Instrument :

BNA_G

ClientSampleId :

PB157861BL

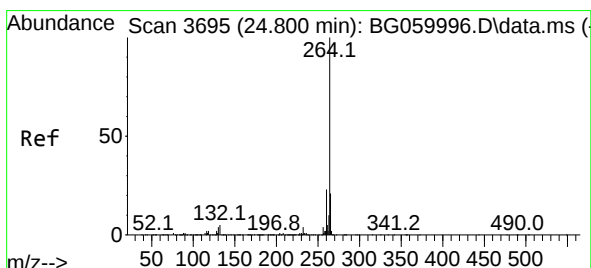
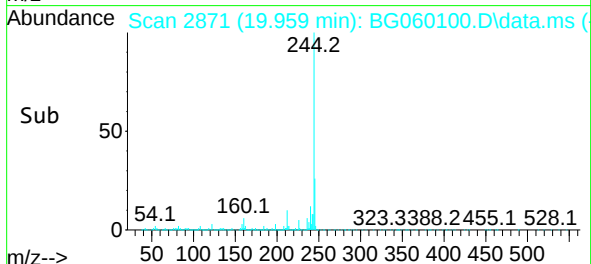
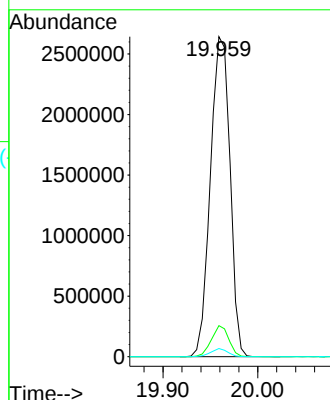
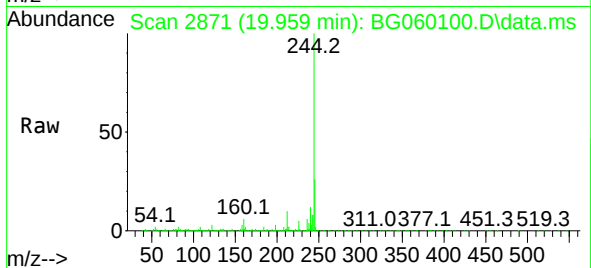
Tgt Ion:244 Resp: 3791127

Ion Ratio Lower Upper

244 100

212 9.7 6.8 10.2

122 2.5 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.794 min Scan# 3694

Delta R.T. -0.021 min

Lab File: BG060100.D

Acq: 20 Dec 2023 12:00

Tgt Ion:264 Resp: 799781

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 21.3 17.3 25.9

