

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060010.D
 Acq On : 14 Dec 2023 12:49
 Operator : MA/JU
 Sample : PB157646TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157646TB

Quant Time: Dec 14 13:36:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	47036	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	187219	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	160078	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	543840	20.000	ng	0.00
76) Chrysene-d12	21.610	240	787822	20.000	ng	# 0.00
86) Perylene-d12	24.789	264	893447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	177902	64.747	ng	0.00
7) Phenol-d6	7.104	99	353282	91.405	ng	0.00
23) Nitrobenzene-d5	9.113	82	223190	54.133	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	614310	164.670	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	998607	76.350	ng	0.00
79) Terphenyl-d14	19.965	244	4308815	99.853	ng	0.00

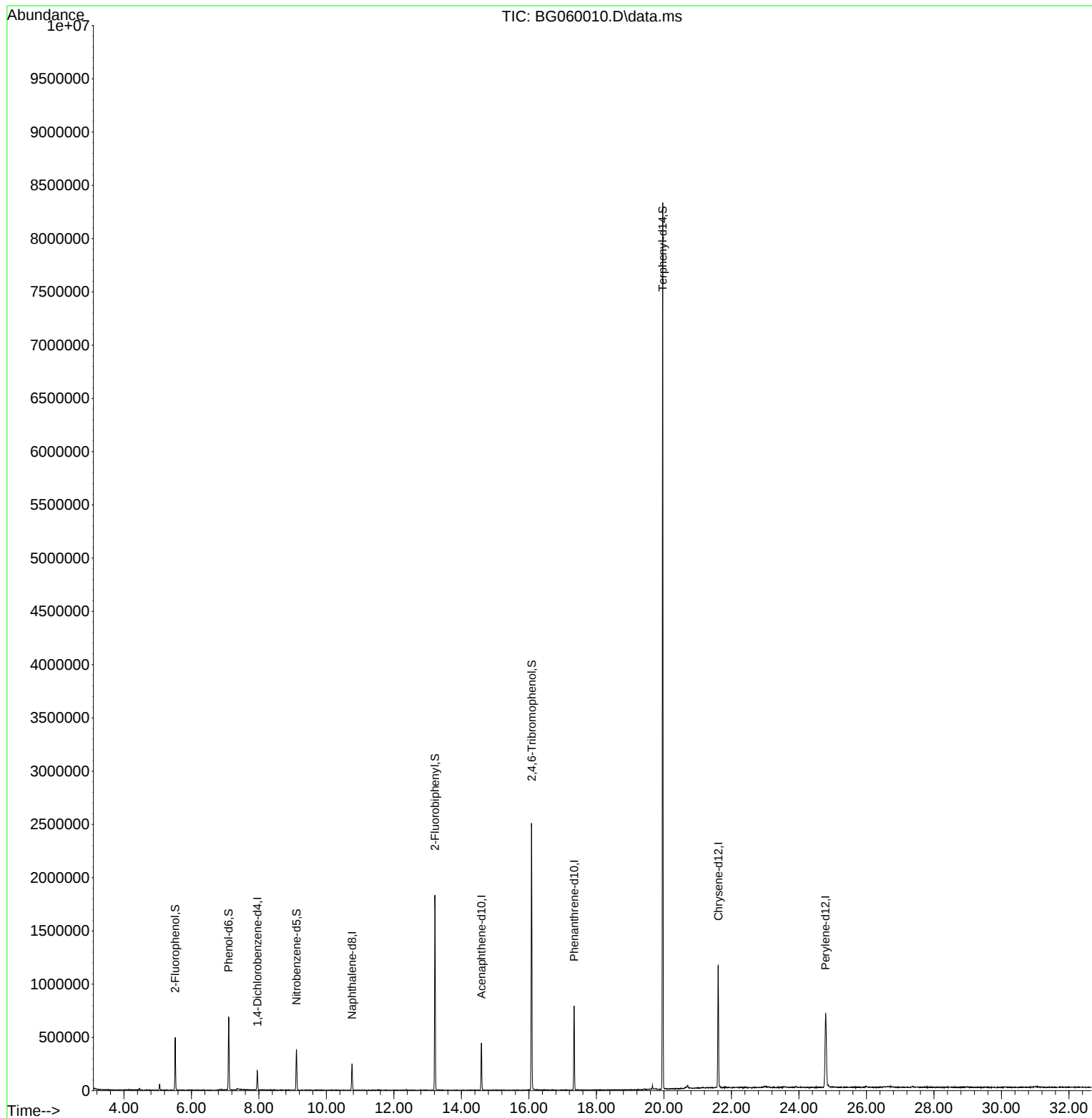
Target Compounds	Qvalue

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

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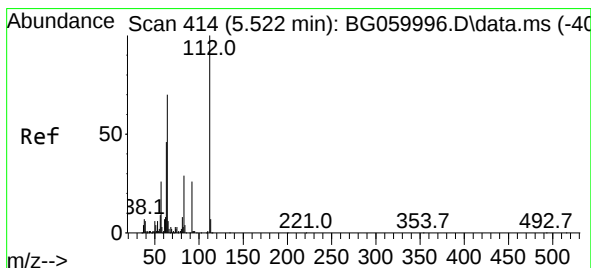
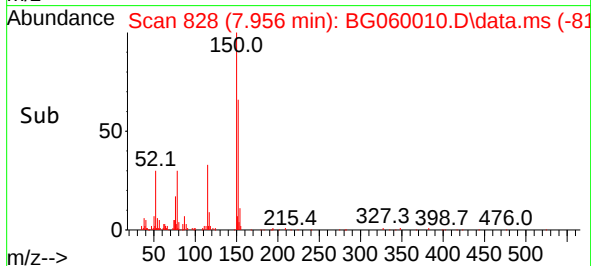
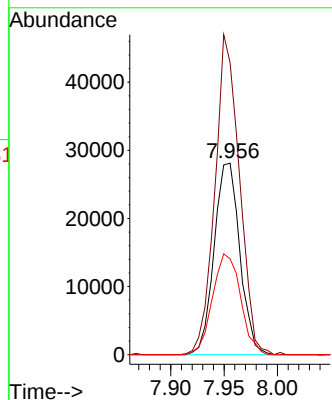
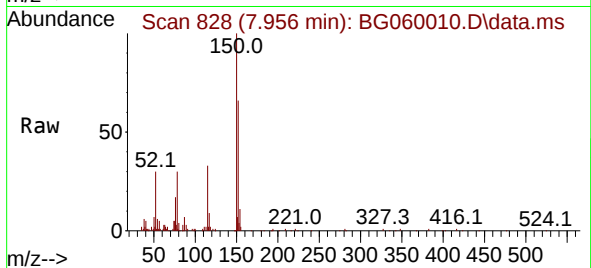




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

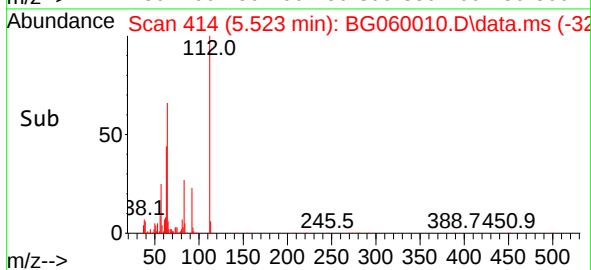
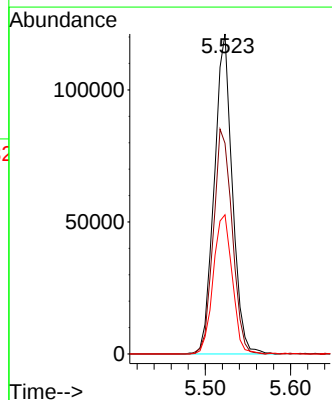
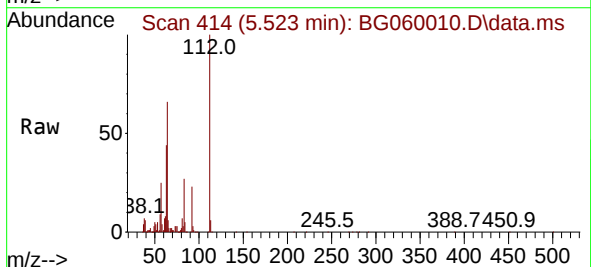
Instrument :
BNA_G
ClientSampleId :
PB157646TB

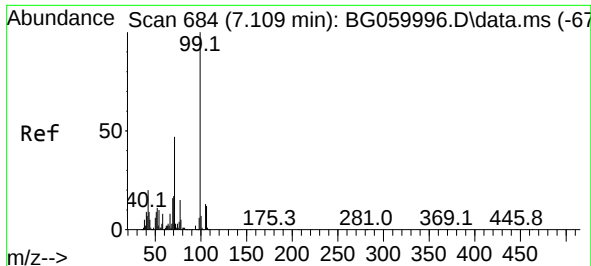
Tgt Ion:152 Resp: 47036
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 50.0 45.7 68.5



#5
2-Fluorophenol
Concen: 64.747 ng
RT: 5.523 min Scan# 414
Delta R.T. 0.001 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

Tgt Ion:112 Resp: 177902
Ion Ratio Lower Upper
112 100
64 65.8 55.9 83.9
63 43.5 36.5 54.7

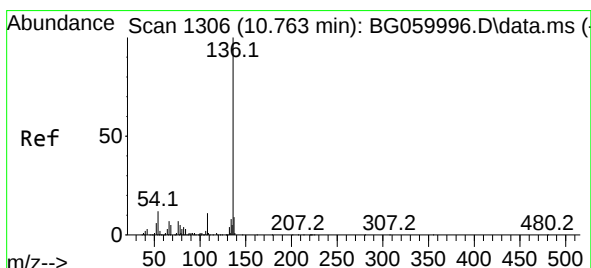
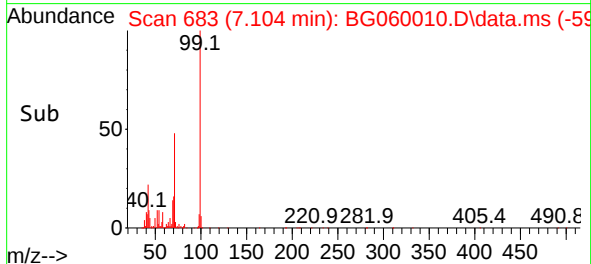
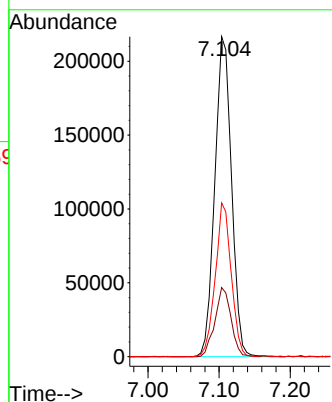
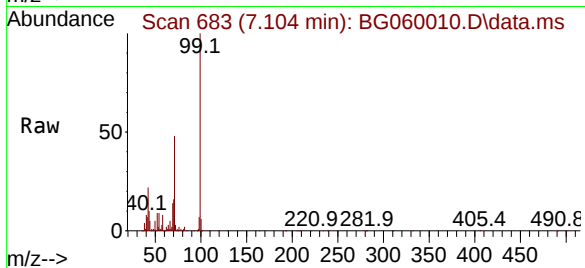




#7
Phenol-d6
Concen: 91.405 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

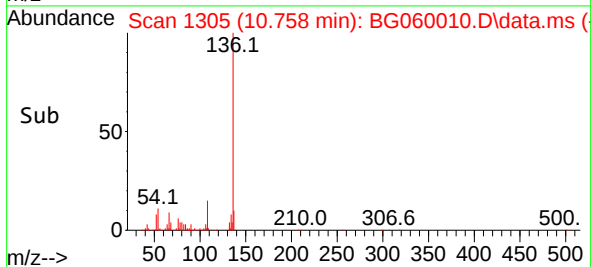
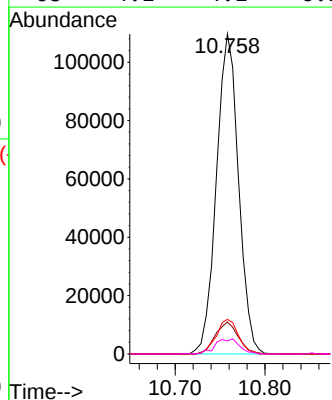
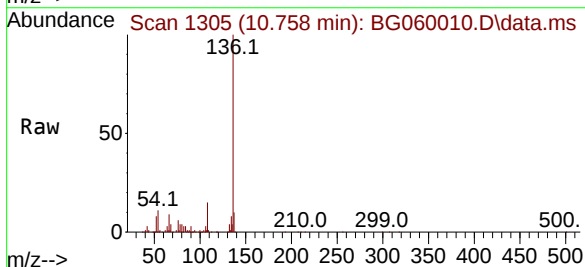
Instrument :
BNA_G
ClientSampleId :
PB157646TB

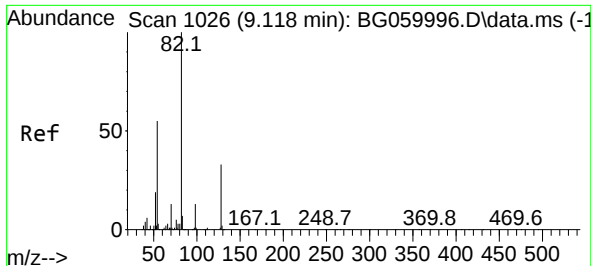
Tgt Ion: 99 Resp: 353282
Ion Ratio Lower Upper
99 100
42 21.6 16.2 24.4
71 48.0 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1305
Delta R.T. -0.005 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

Tgt Ion: 136 Resp: 187219
Ion Ratio Lower Upper
136 100
137 10.0 7.3 10.9
54 10.8 9.6 14.4
68 4.1 4.1 6.1#

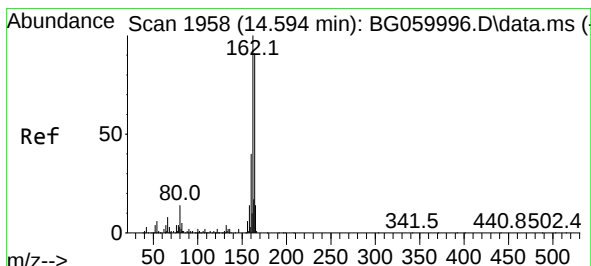
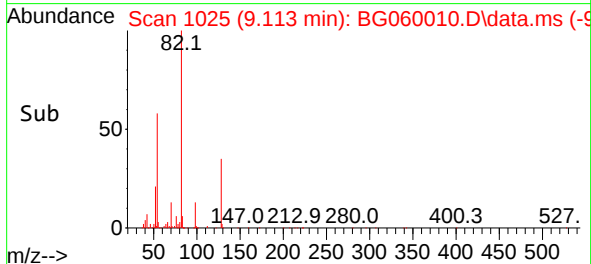
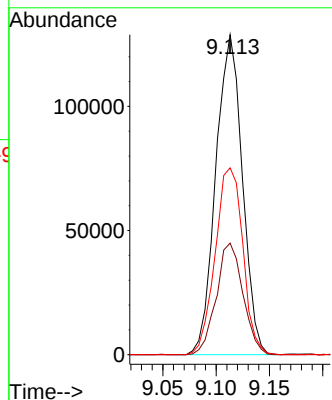
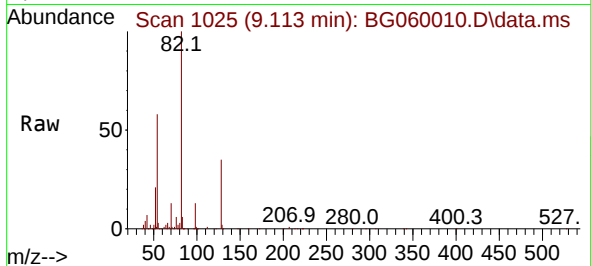




#23
Nitrobenzene-d5
Concen: 54.133 ng
RT: 9.113 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

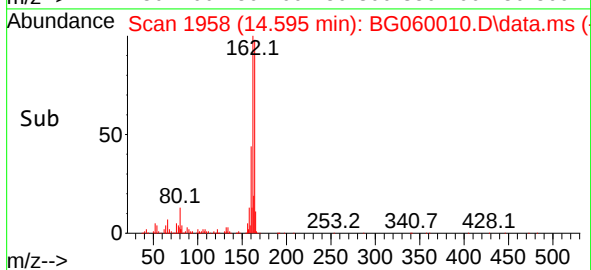
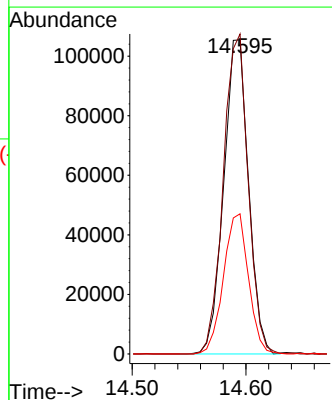
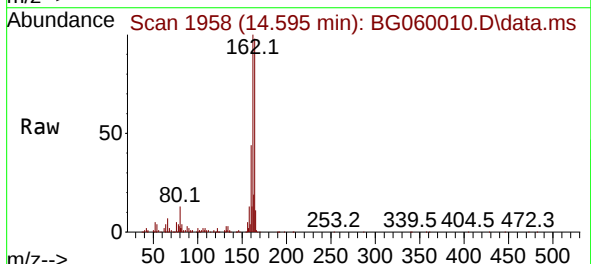
Instrument :
BNA_G
ClientSampleId :
PB157646TB

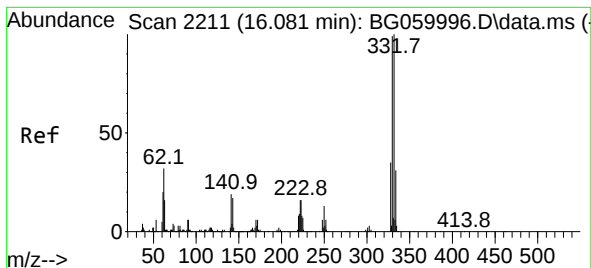
Tgt Ion: 82 Resp: 223190
Ion Ratio Lower Upper
82 100
128 34.9 26.3 39.5
54 58.4 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

Tgt Ion:164 Resp: 160078
Ion Ratio Lower Upper
164 100
162 101.9 88.1 132.1
160 44.6 35.4 53.0

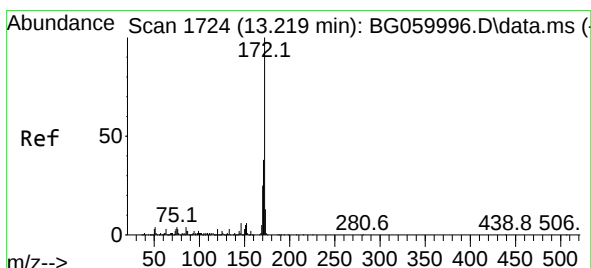
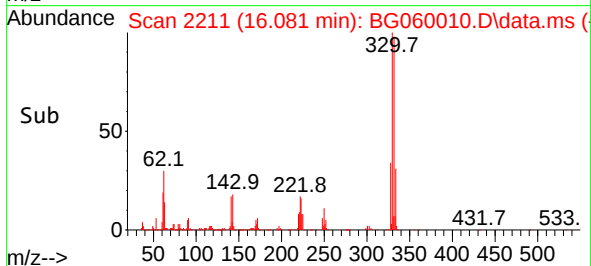
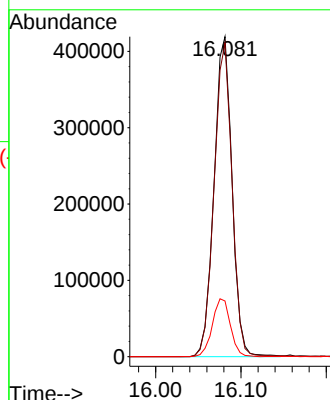
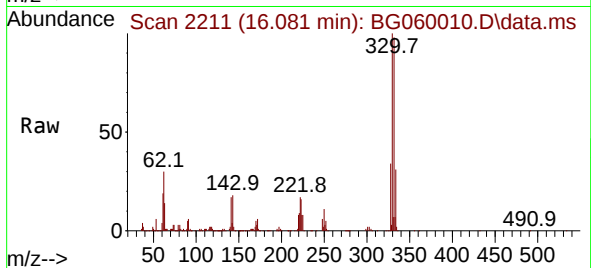




#42
2,4,6-Tribromophenol
Concen: 164.670 ng
RT: 16.081 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

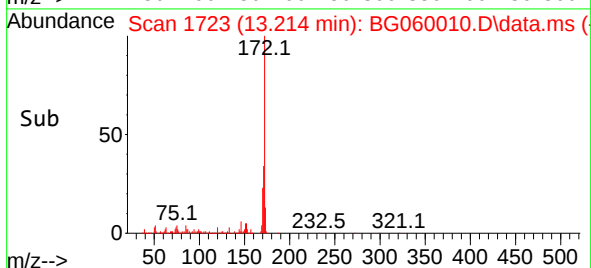
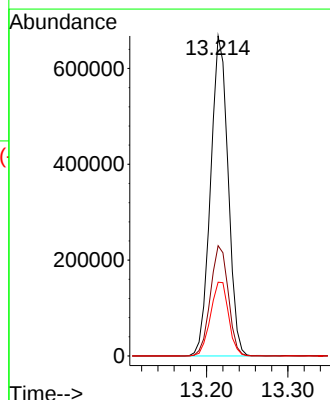
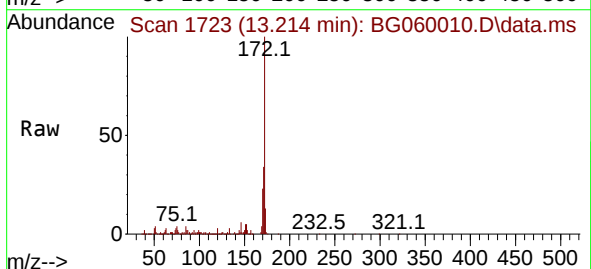
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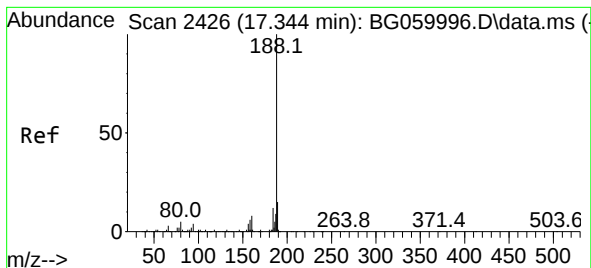
Tgt Ion:330 Resp: 614310
Ion Ratio Lower Upper
330 100
332 98.0 76.2 114.4
141 18.2 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 76.350 ng
RT: 13.214 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG060010.D
Acq: 14 Dec 2023 12:49

Tgt Ion:172 Resp: 998607
Ion Ratio Lower Upper
172 100
171 34.4 30.1 45.1
170 23.1 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2425

Delta R.T. -0.005 min

Lab File: BG060010.D

Acq: 14 Dec 2023 12:49

Instrument :

BNA_G

ClientSampleId :

PB157646TB

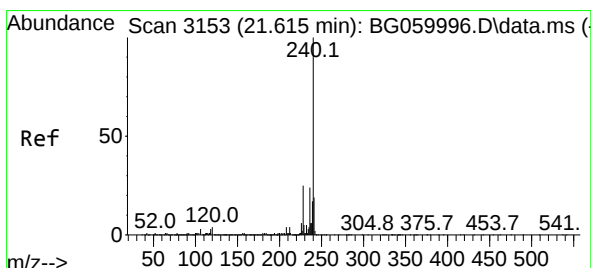
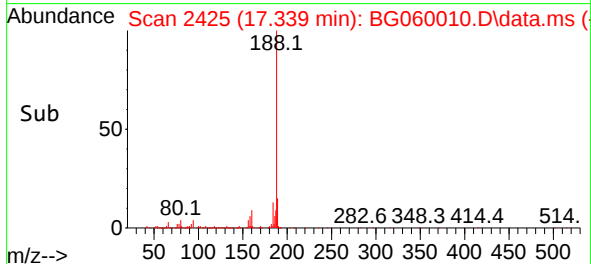
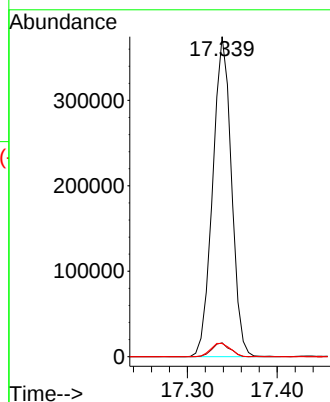
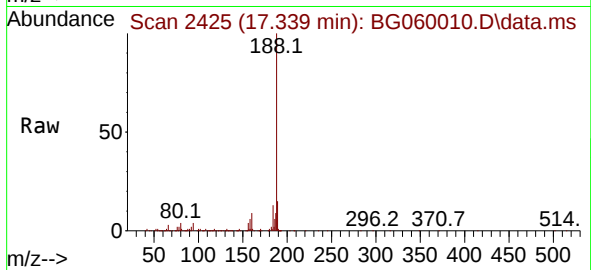
Tgt Ion:188 Resp: 543840

Ion Ratio Lower Upper

188 100

94 4.3 3.0 4.6

80 4.1 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BG060010.D

Acq: 14 Dec 2023 12:49

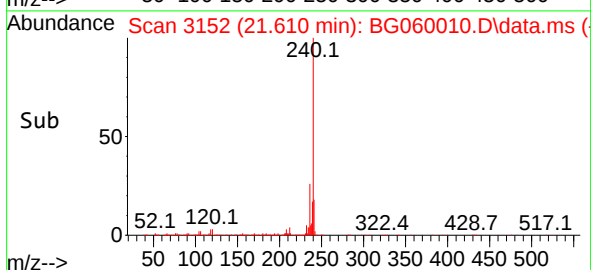
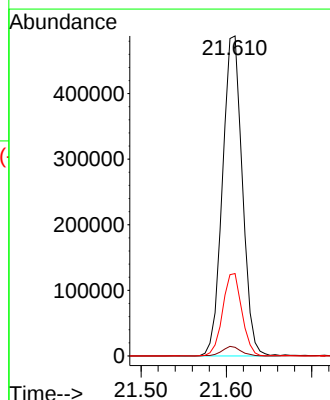
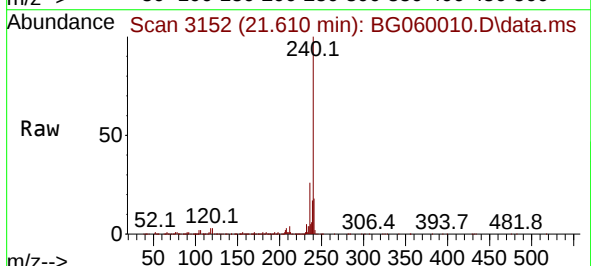
Tgt Ion:240 Resp: 787822

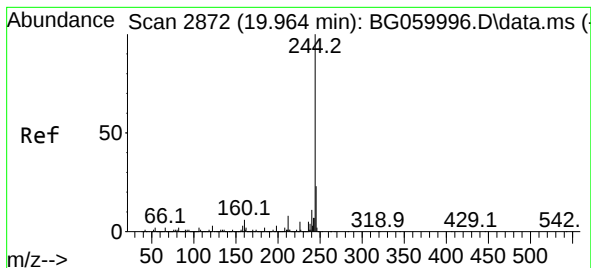
Ion Ratio Lower Upper

240 100

120 2.7 2.9 4.3#

236 25.7 19.4 29.2





#79

Terphenyl-d14

Concen: 99.853 ng

RT: 19.965 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060010.D

Acq: 14 Dec 2023 12:49

Instrument :

BNA_G

ClientSampleId :

PB157646TB

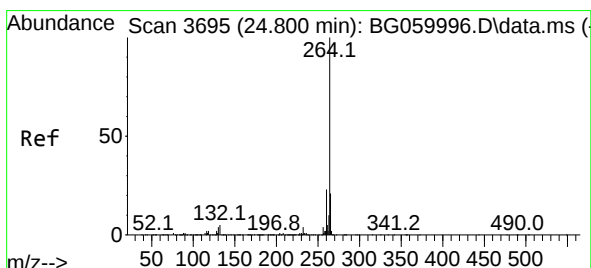
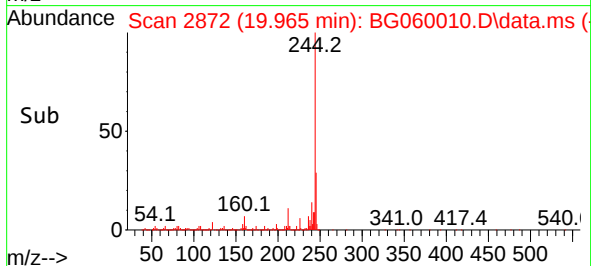
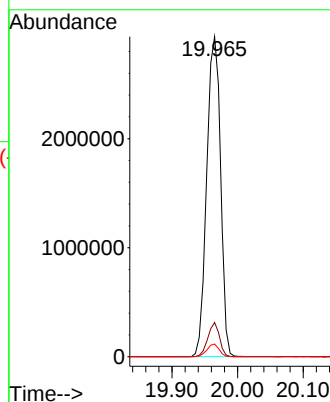
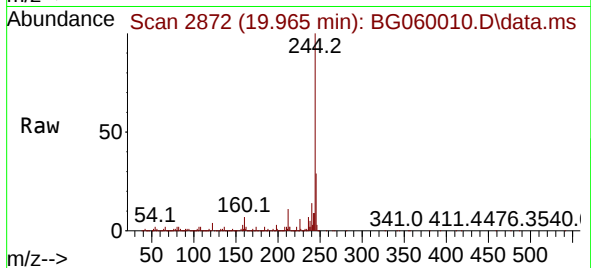
Tgt Ion:244 Resp: 4308815

Ion Ratio Lower Upper

244 100

212 10.7 6.8 10.2#

122 4.0 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.789 min Scan# 3693

Delta R.T. -0.011 min

Lab File: BG060010.D

Acq: 14 Dec 2023 12:49

Tgt Ion:264 Resp: 893447

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 19.7 17.3 25.9

