

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060011.D
 Acq On : 14 Dec 2023 13:29
 Operator : MA/JU
 Sample : PB157682TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157682TB

Quant Time: Dec 14 14:41:02 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	7.953	152	50014	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	191293	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	164813	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	544627	20.000	ng	0.00
76) Chrysene-d12	21.607	240	782816	20.000	ng	0.00
86) Perylene-d12	24.798	264	889939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	187882	64.307	ng	0.00
7) Phenol-d6	7.107	99	362924	88.308	ng	0.00
23) Nitrobenzene-d5	9.110	82	221370	52.548	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	643410	167.515	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1037523	77.046	ng	0.00
79) Terphenyl-d14	19.968	244	4264751	99.464	ng	0.00

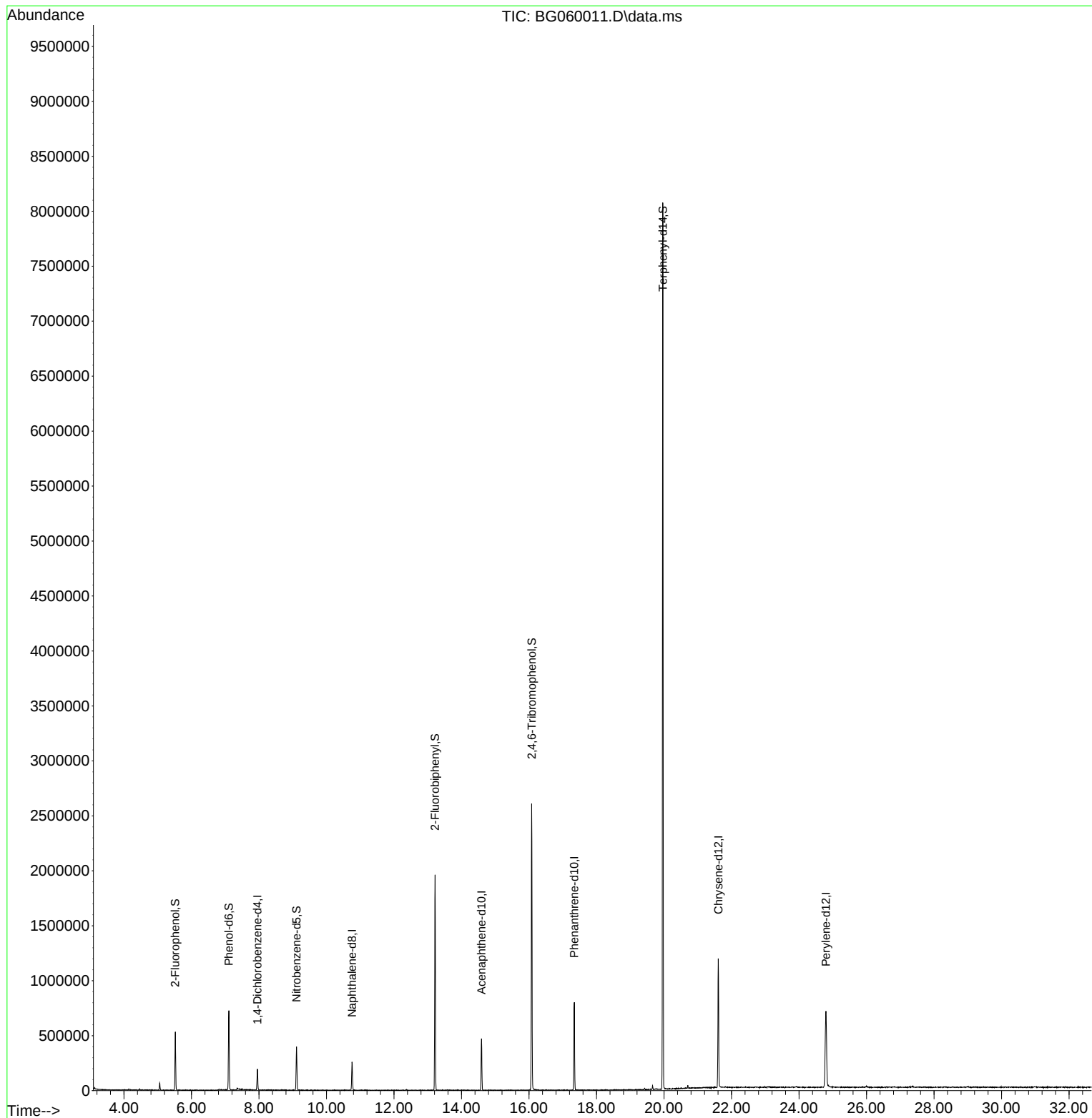
Target Compounds	Qvalue

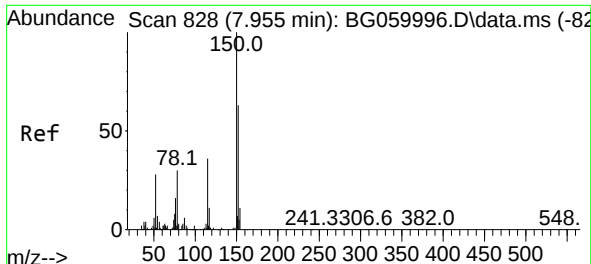
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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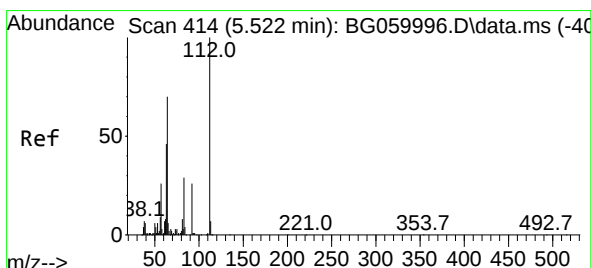
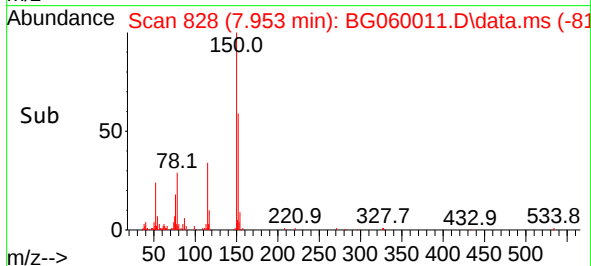
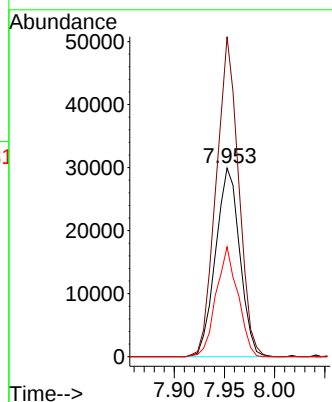
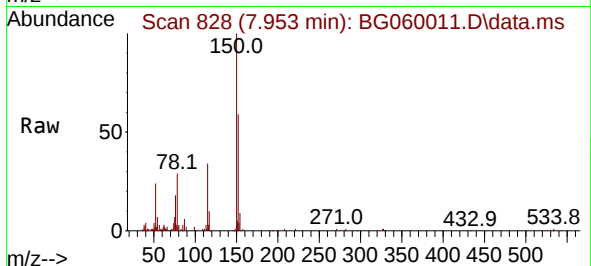




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

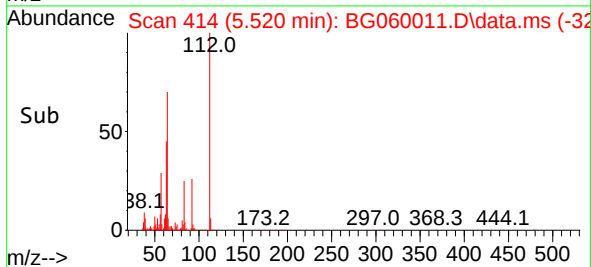
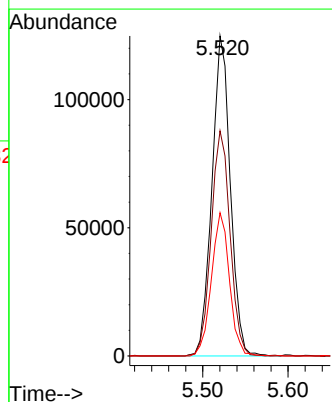
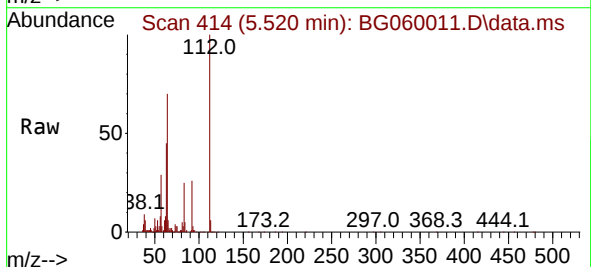
Instrument :
BNA_G
ClientSampleId :
PB157682TB

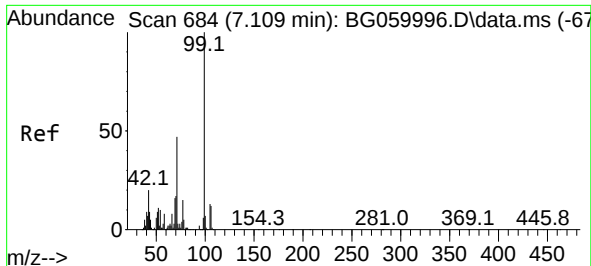
Tgt Ion:152 Resp: 50014
Ion Ratio Lower Upper
152 100
150 169.6 127.0 190.6
115 58.2 45.7 68.5



#5
2-Fluorophenol
Concen: 64.307 ng
RT: 5.520 min Scan# 414
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion:112 Resp: 187882
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 44.8 36.5 54.7

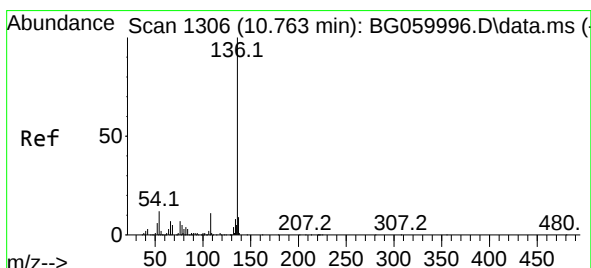
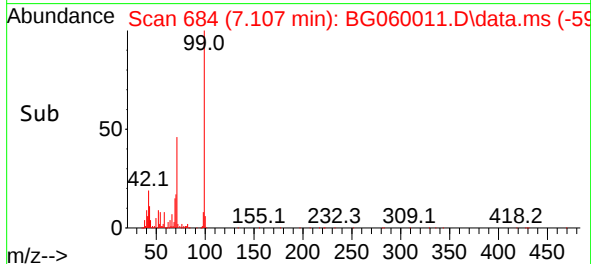
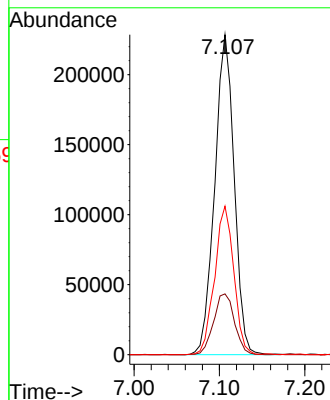
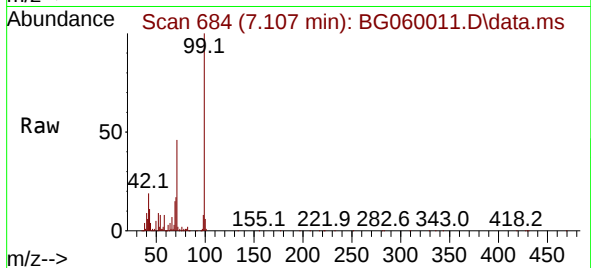




#7
Phenol-d6
Concen: 88.308 ng
RT: 7.107 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

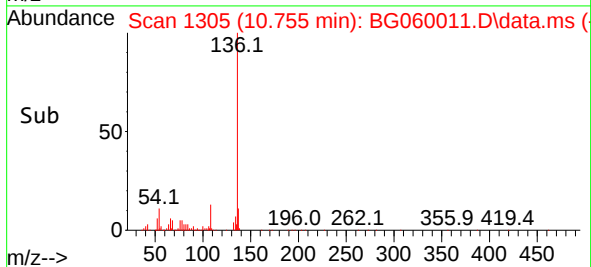
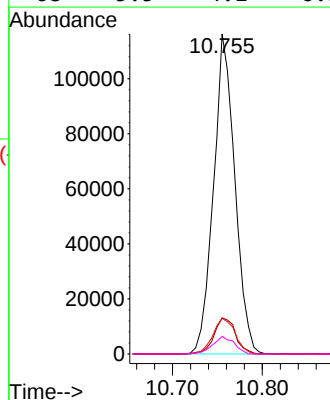
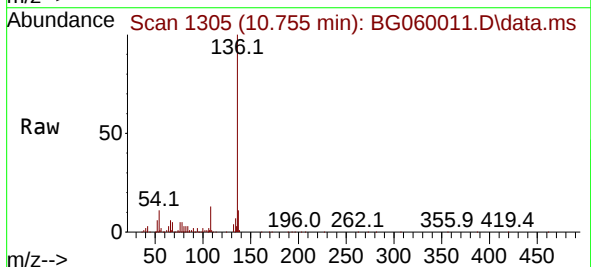
Instrument :
BNA_G
ClientSampleId :
PB157682TB

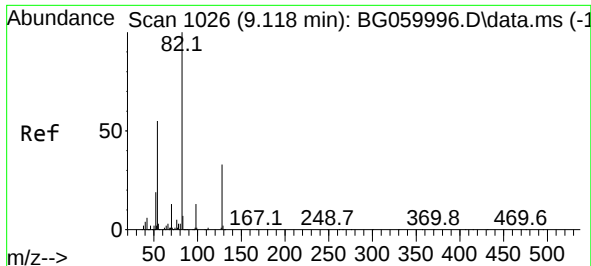
Tgt Ion: 99 Resp: 362924
Ion Ratio Lower Upper
99 100
42 19.0 16.2 24.4
71 46.4 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1305
Delta R.T. -0.008 min
Lab File: BG060011.D
Acq: 14 Dec 2023 13:29

Tgt Ion:136 Resp: 191293
Ion Ratio Lower Upper
136 100
137 11.3 7.3 10.9#
54 11.2 9.6 14.4
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 52.548 ng

RT: 9.110 min Scan# 1026

Delta R.T. -0.008 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB157682TB

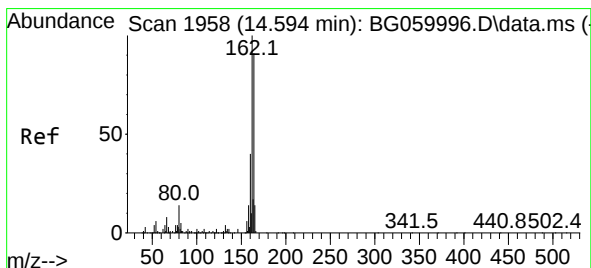
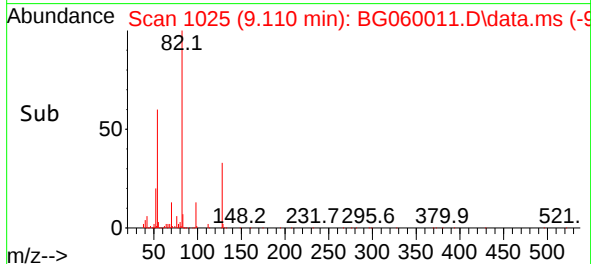
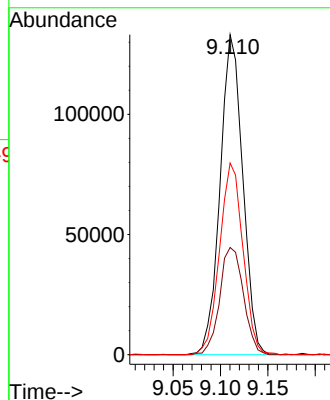
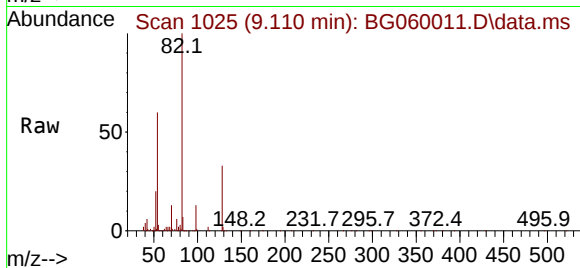
Tgt Ion: 82 Resp: 221370

Ion Ratio Lower Upper

82 100

128 33.5 26.3 39.5

54 59.9 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1958

Delta R.T. -0.002 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

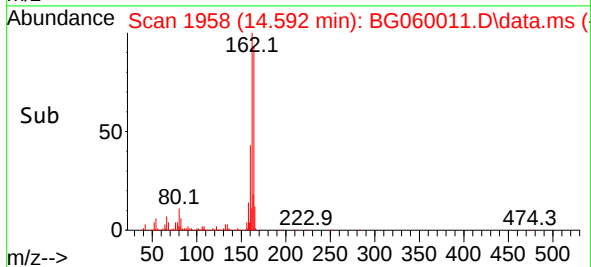
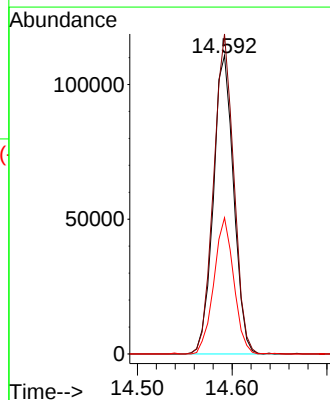
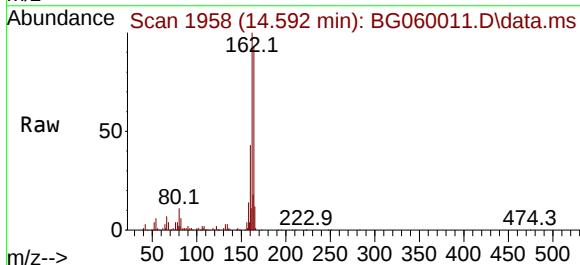
Tgt Ion:164 Resp: 164813

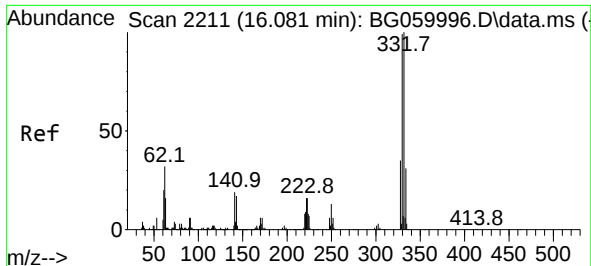
Ion Ratio Lower Upper

164 100

162 107.2 88.1 132.1

160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 167.515 ng

RT: 16.078 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB157682TB

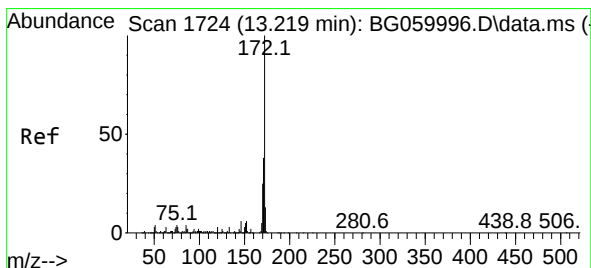
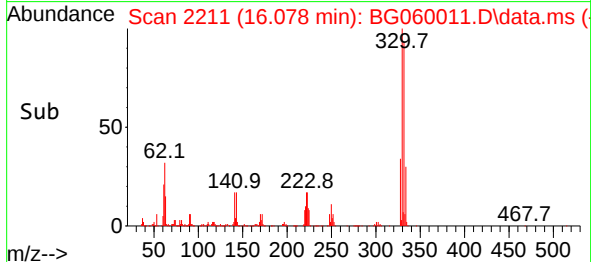
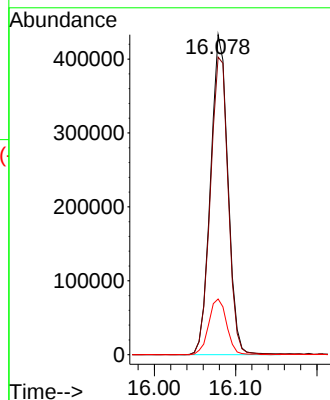
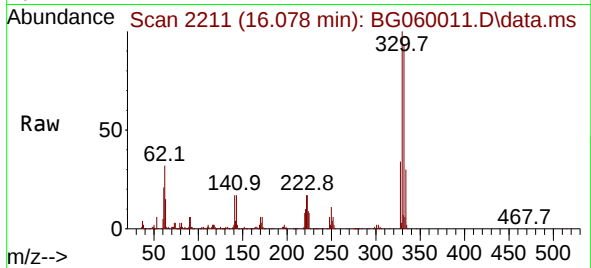
Tgt Ion:330 Resp: 643410

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 18.0 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 77.046 ng

RT: 13.217 min Scan# 1724

Delta R.T. -0.002 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

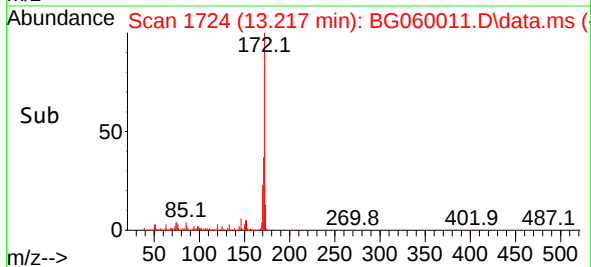
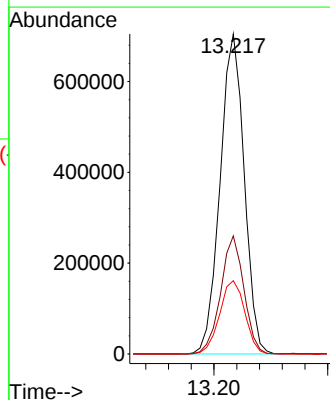
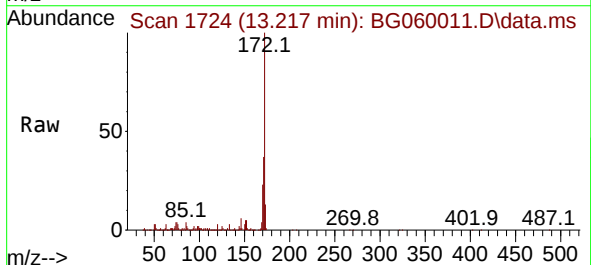
Tgt Ion:172 Resp: 1037523

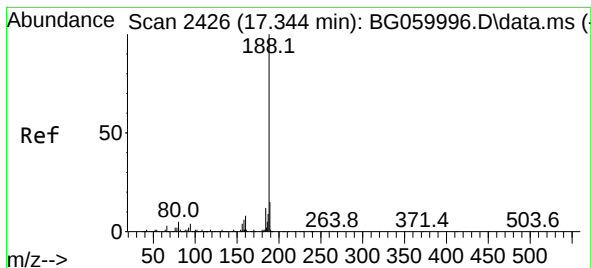
Ion Ratio Lower Upper

172 100

171 36.9 30.1 45.1

170 22.9 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB157682TB

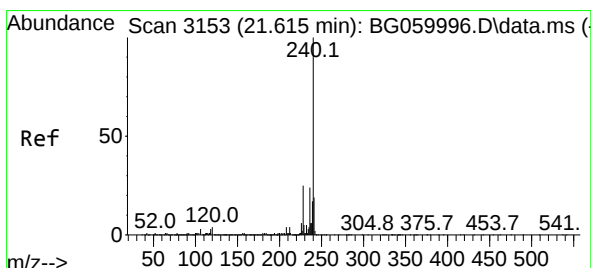
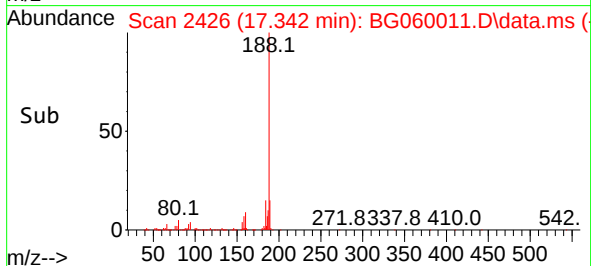
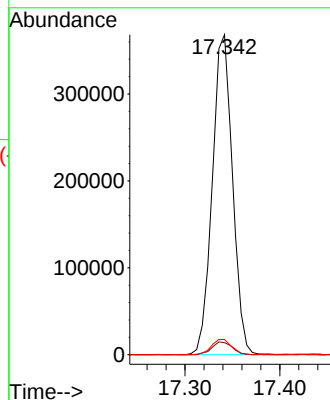
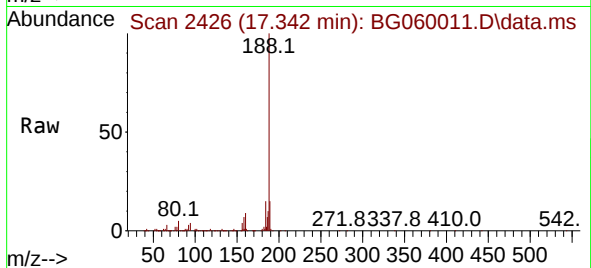
Tgt Ion:188 Resp: 544627

Ion Ratio Lower Upper

188 100

94 3.7 3.0 4.6

80 4.8 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3152

Delta R.T. -0.008 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

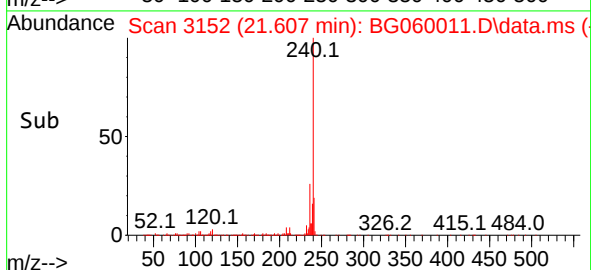
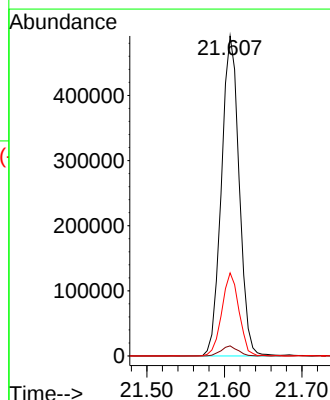
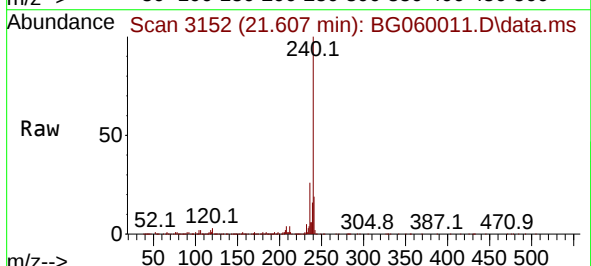
Tgt Ion:240 Resp: 782816

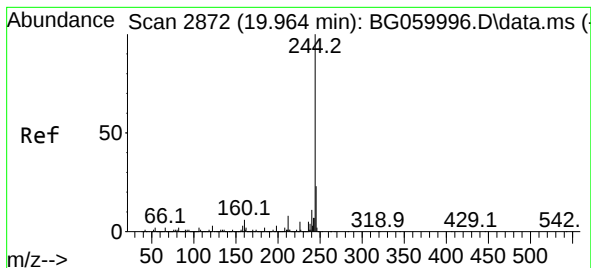
Ion Ratio Lower Upper

240 100

120 3.2 2.9 4.3

236 25.9 19.4 29.2





#79

Terphenyl-d14

Concen: 99.464 ng

RT: 19.968 min Scan# 2

Delta R.T. 0.004 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

Instrument :

BNA_G

ClientSampleId :

PB157682TB

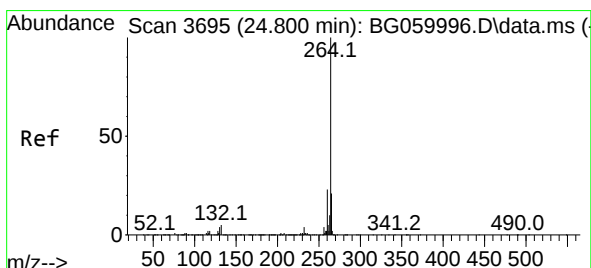
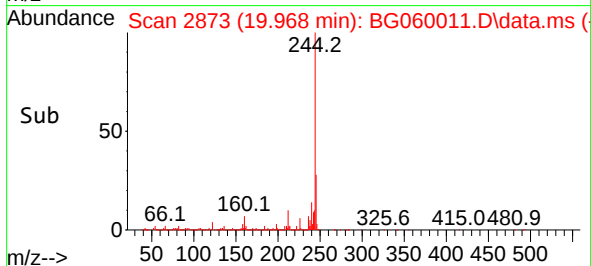
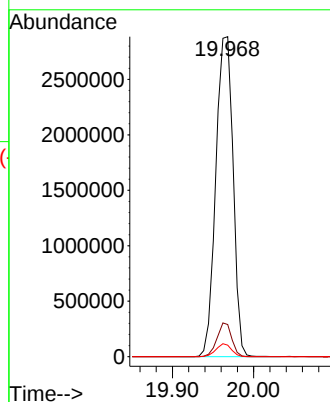
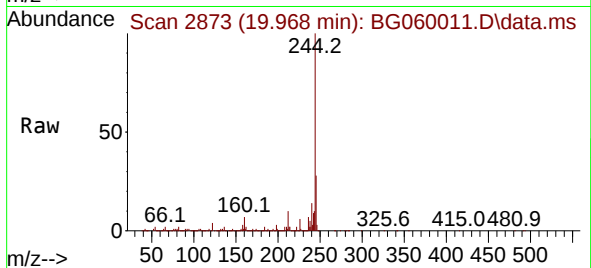
Tgt Ion:244 Resp: 4264751

Ion Ratio Lower Upper

244 100

212 10.1 6.8 10.2

122 3.6 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3695

Delta R.T. -0.002 min

Lab File: BG060011.D

Acq: 14 Dec 2023 13:29

Tgt Ion:264 Resp: 889939

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 20.2 17.3 25.9

