

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054186.D
 Acq On : 1 Jul 2022 11:36
 Operator : CG/JU
 Sample : PB145925BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145925BL

Quant Time: Jul 01 23:33:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	16525	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	64734	20.000	ng	# 0.00
39) Acenaphthene-d10	14.695	164	54021	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	160010	20.000	ng	# 0.00
76) Chrysene-d12	21.711	240	175602	20.000	ng	0.00
86) Perylene-d12	24.972	264	182443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	121242	140.275	ng	0.00
7) Phenol-d6	7.228	99	158844	135.473	ng	0.00
23) Nitrobenzene-d5	9.225	82	106535	92.484	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	144124	166.052	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	327860	88.253	ng	0.00
79) Terphenyl-d14	20.048	244	836231	95.912	ng	0.00

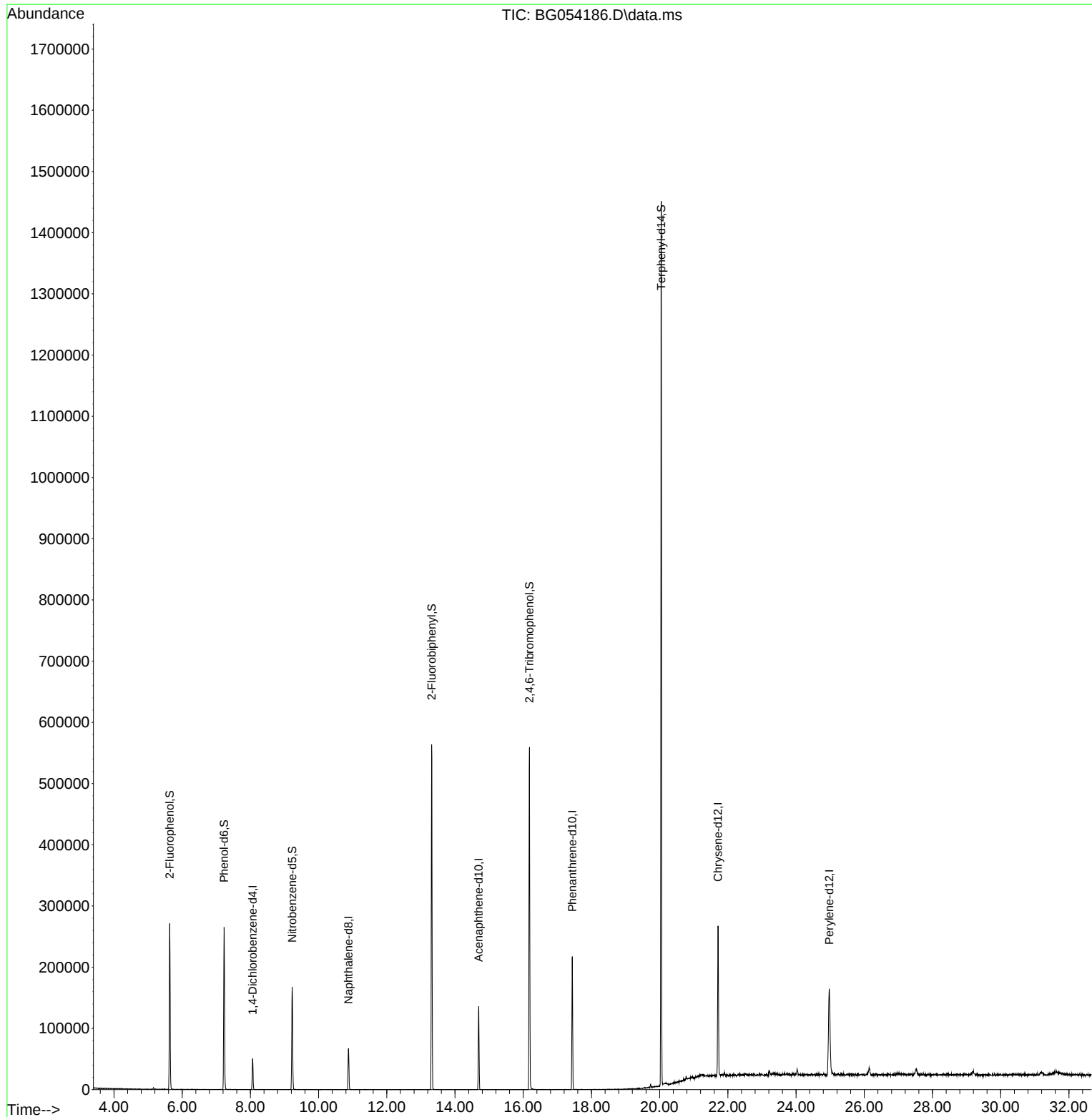
Target Compounds	Qvalue

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

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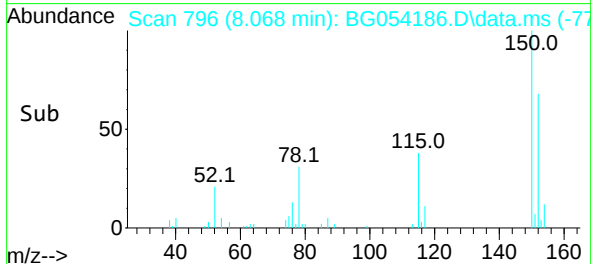
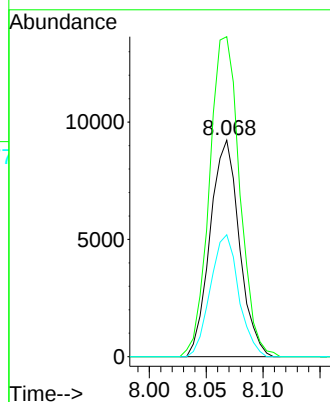
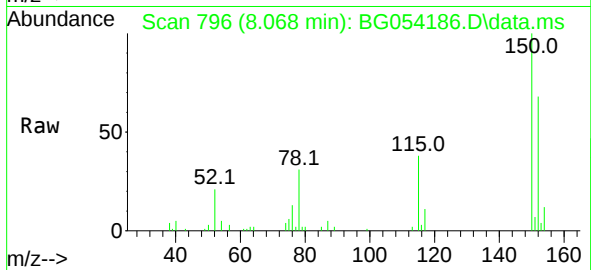




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.068 min Scan# 796
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

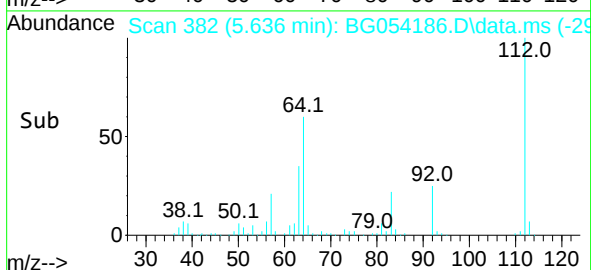
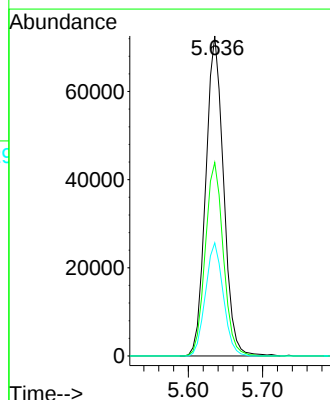
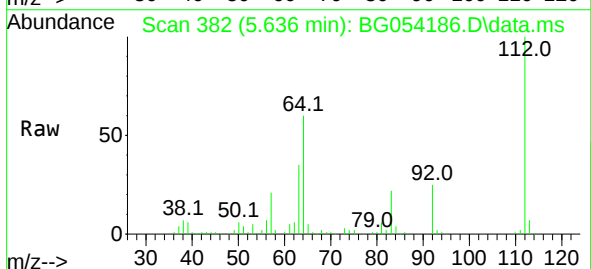
Instrument :
BNA_G
ClientSampleId :
PB145925BL

Tgt Ion:152 Resp: 16525
Ion Ratio Lower Upper
152 100
150 147.8 131.6 197.4
115 56.3 50.9 76.3



#5
2-Fluorophenol
Concen: 140.275 ng
RT: 5.636 min Scan# 382
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

Tgt Ion:112 Resp: 121242
Ion Ratio Lower Upper
112 100
64 60.4 55.1 82.7
63 35.3 30.4 45.6

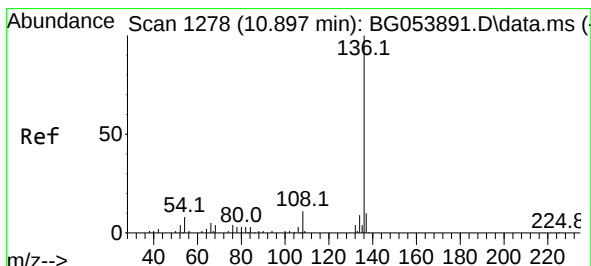
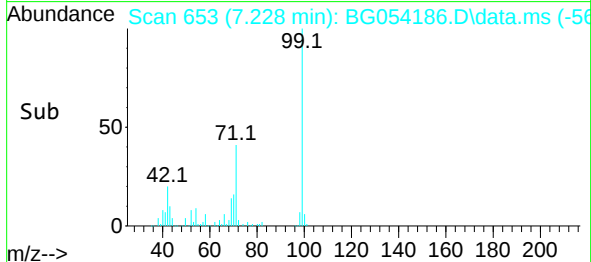
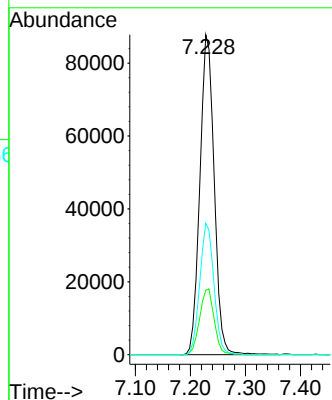
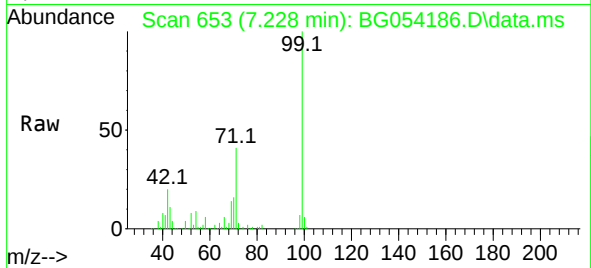




#7
Phenol-d6
Concen: 135.473 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

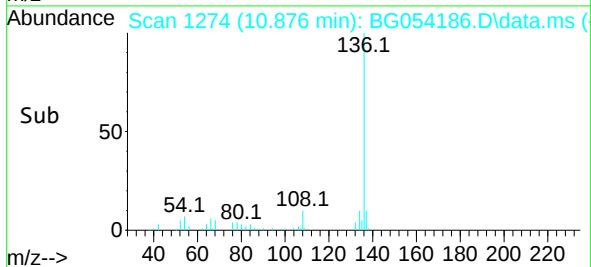
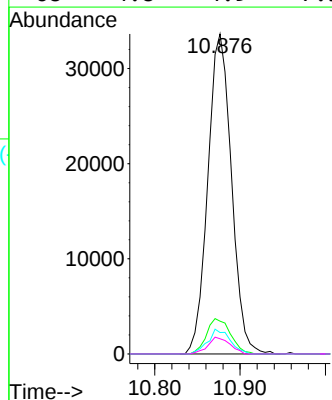
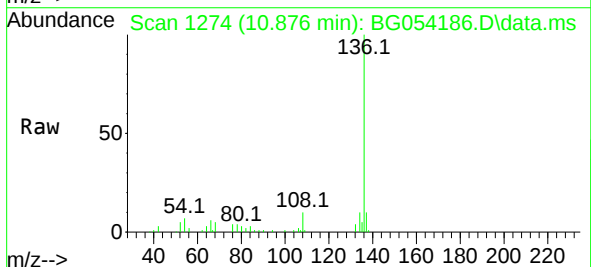
Instrument :
BNA_G
ClientSampleId :
PB145925BL

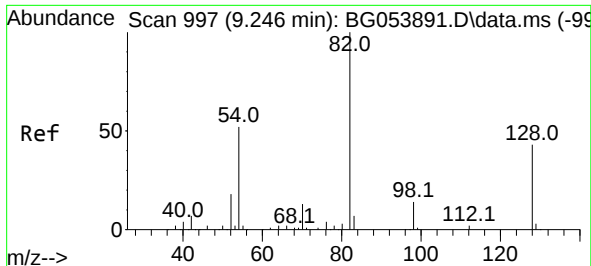
Tgt Ion: 99 Resp: 158844
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 41.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.876 min Scan# 1274
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

Tgt Ion: 136 Resp: 64734
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 6.7 7.4 11.2#
68 4.8 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 92.484 ng

RT: 9.225 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG054186.D

Acq: 1 Jul 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB145925BL

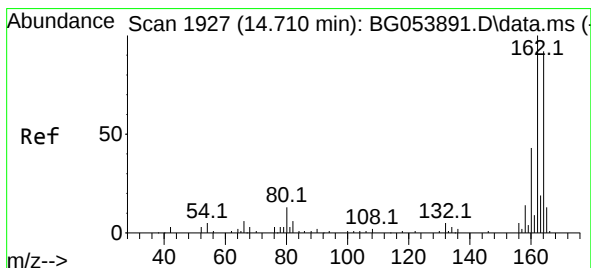
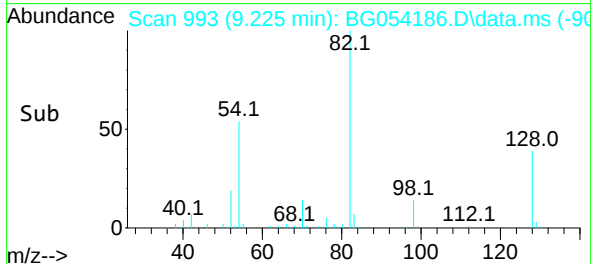
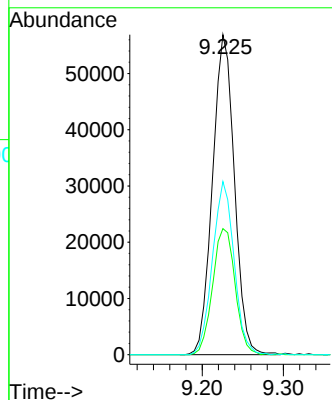
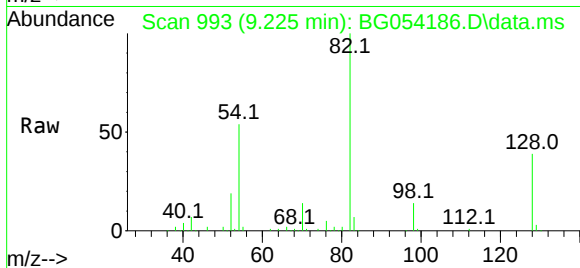
Tgt Ion: 82 Resp: 106535

Ion Ratio Lower Upper

82 100

128 39.4 27.9 41.9

54 54.1 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.695 min Scan# 1924

Delta R.T. -0.002 min

Lab File: BG054186.D

Acq: 1 Jul 2022 11:36

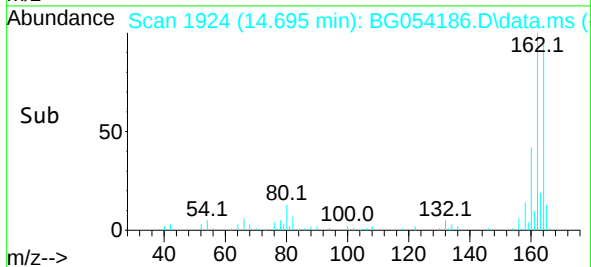
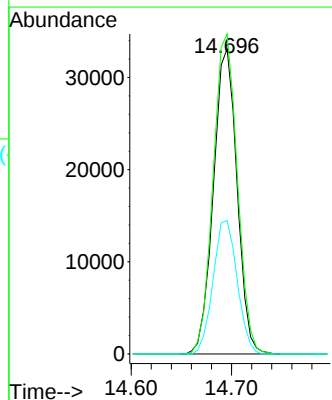
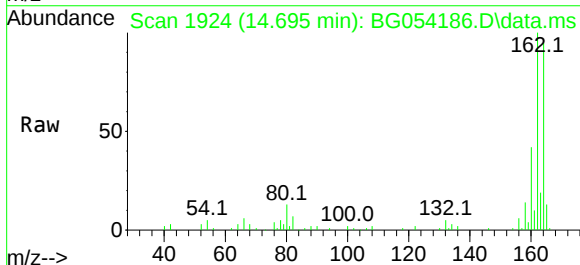
Tgt Ion:164 Resp: 54021

Ion Ratio Lower Upper

164 100

162 104.9 82.3 123.5

160 43.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 166.052 ng

RT: 16.182 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054186.D

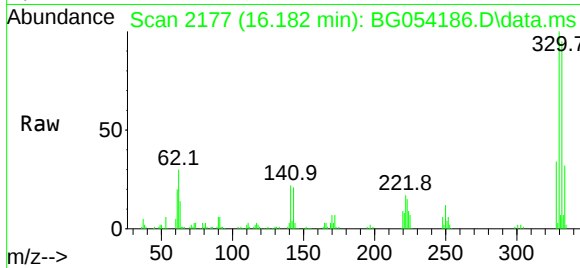
Acq: 1 Jul 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB145925BL



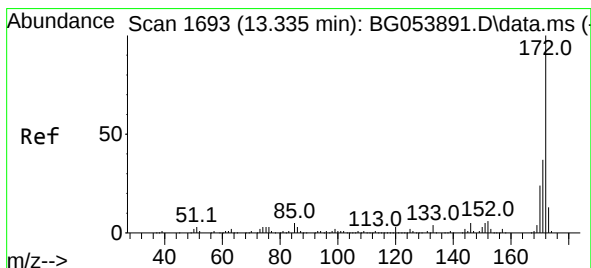
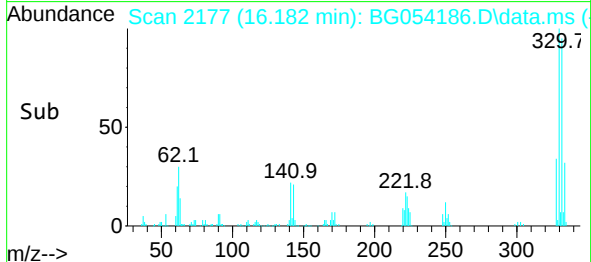
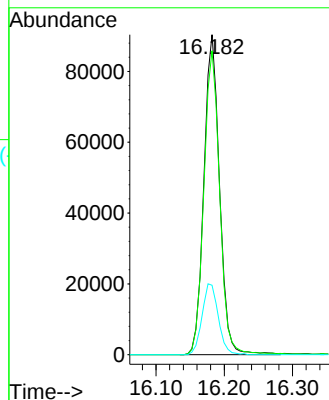
Tgt Ion:330 Resp: 144124

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 22.9 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 88.253 ng

RT: 13.315 min Scan# 1689

Delta R.T. -0.008 min

Lab File: BG054186.D

Acq: 1 Jul 2022 11:36

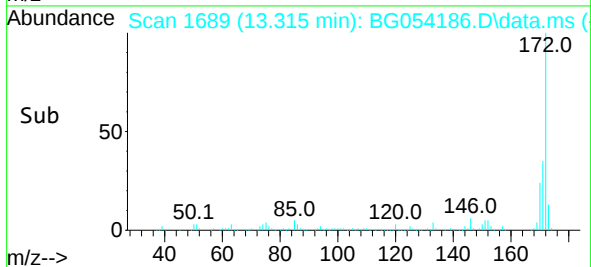
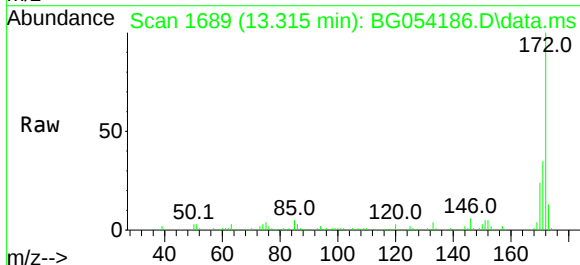
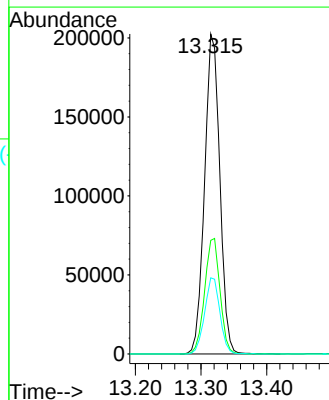
Tgt Ion:172 Resp: 327860

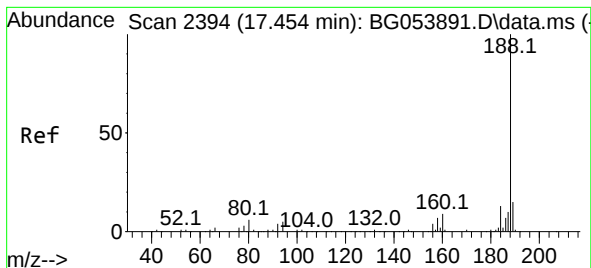
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.439 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054186.D

Acq: 1 Jul 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB145925BL

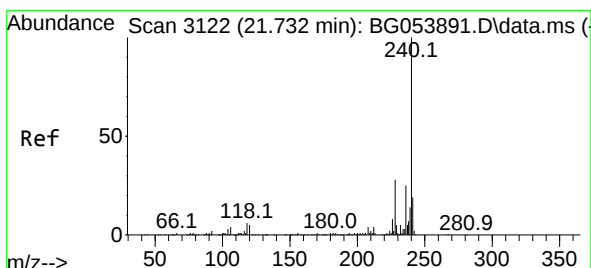
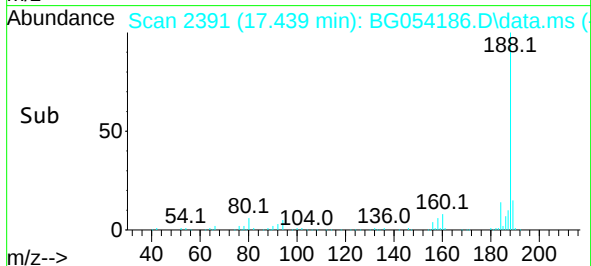
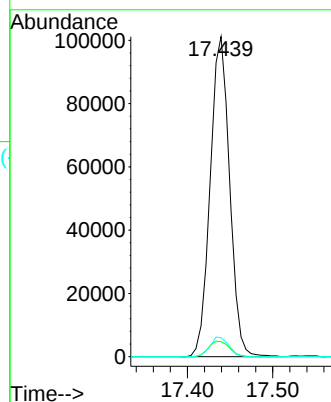
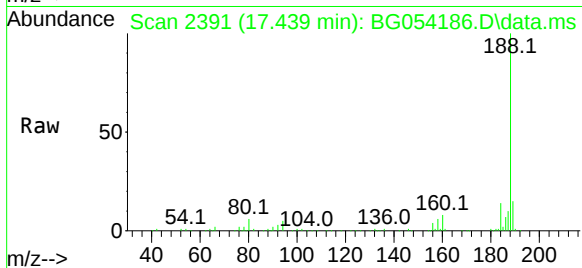
Tgt Ion:188 Resp: 160010

Ion Ratio Lower Upper

188 100

94 4.7 5.4 8.0#

80 5.9 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.711 min Scan# 3118

Delta R.T. -0.008 min

Lab File: BG054186.D

Acq: 1 Jul 2022 11:36

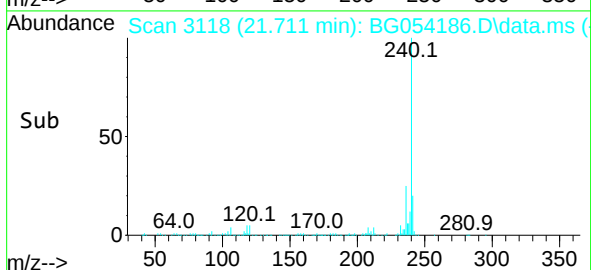
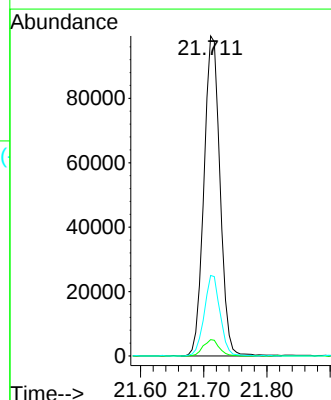
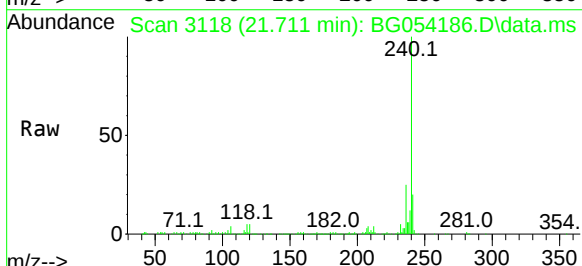
Tgt Ion:240 Resp: 175602

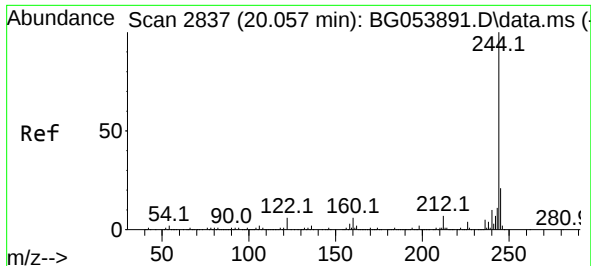
Ion Ratio Lower Upper

240 100

120 5.1 4.6 7.0

236 25.1 20.2 30.4

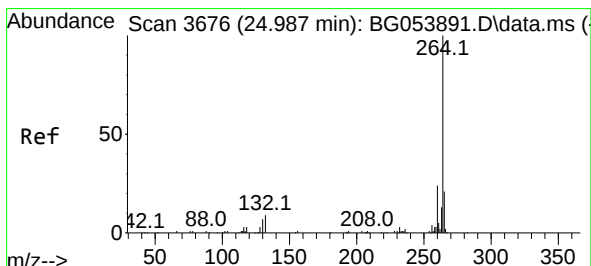
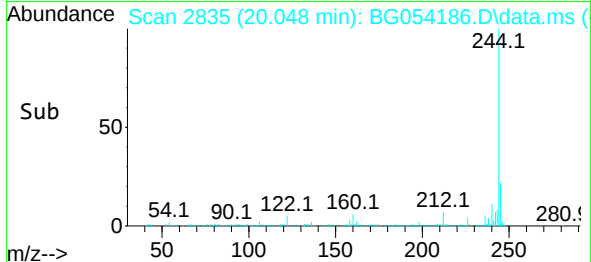
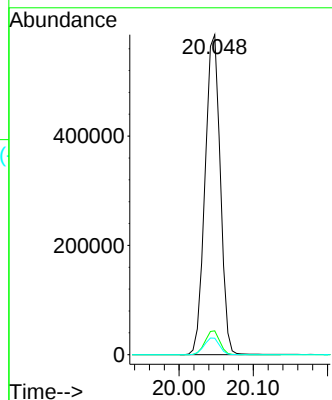
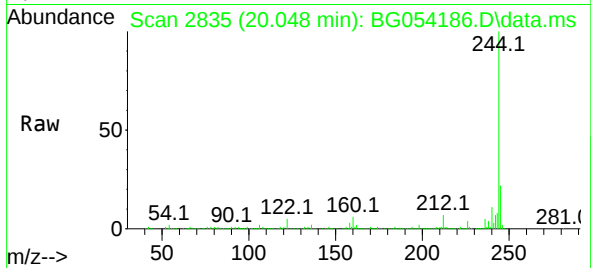




#79
 Terphenyl-d14
 Concen: 95.912 ng
 RT: 20.048 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054186.D
 Acq: 1 Jul 2022 11:36

Instrument :
 BNA_G
 ClientSampleId :
 PB145925BL

Tgt Ion:244 Resp: 836231
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.972 min Scan# 3673
 Delta R.T. 0.009 min
 Lab File: BG054186.D
 Acq: 1 Jul 2022 11:36

Tgt Ion:264 Resp: 182443
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.3 17.4 26.2

