

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054918.D
 Acq On : 12 Sep 2022 23:07
 Operator : CG/JU
 Sample : N4538-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MBD-SB-1-2-0-5

Quant Time: Sep 13 03:10:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

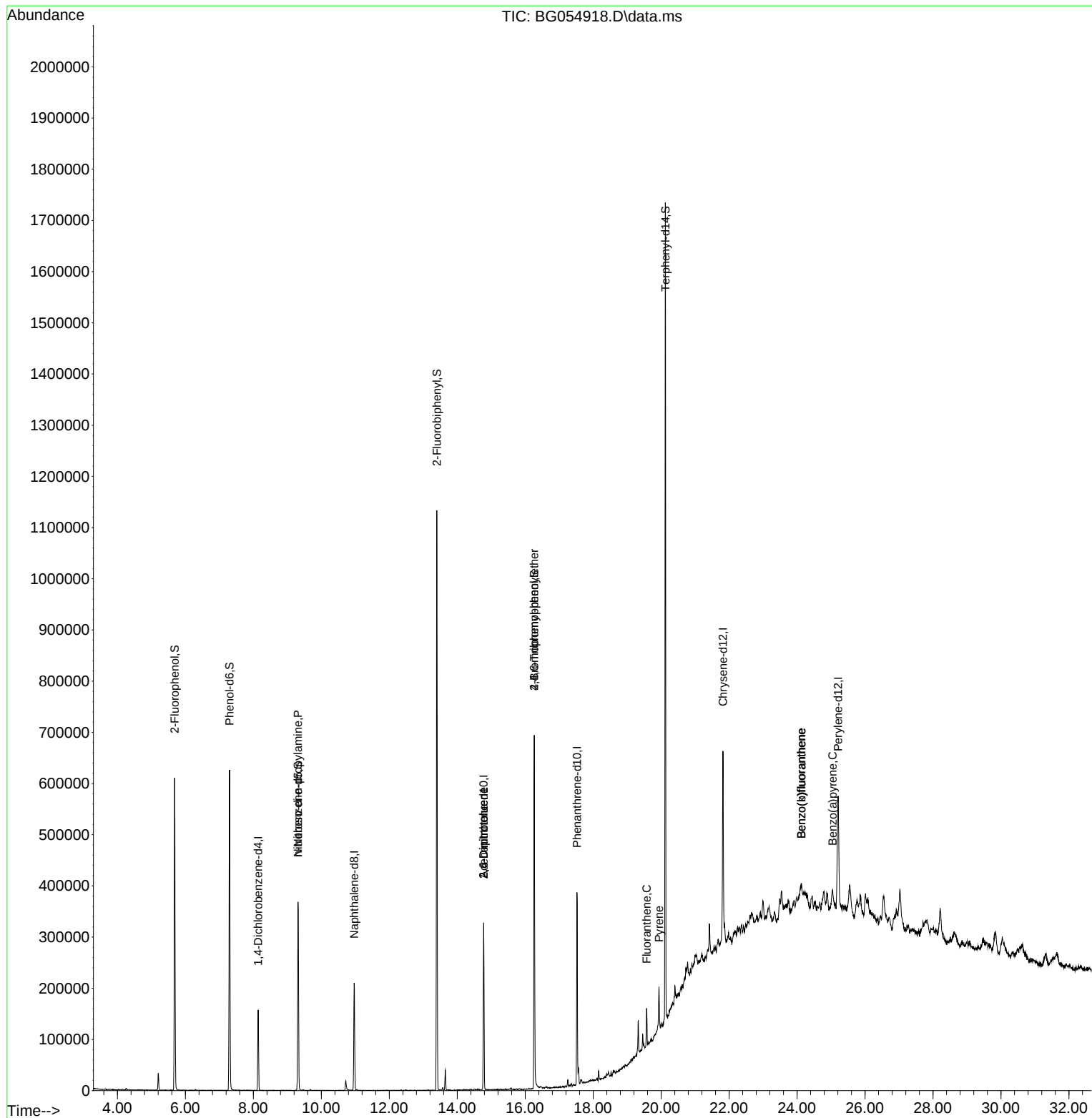
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	49714	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	197543	20.000	ng	# 0.00
39) Acenaphthene-d10	14.779	164	125986	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	255988	20.000	ng	0.00
76) Chrysene-d12	21.818	240	233701	20.000	ng	0.00
86) Perylene-d12	25.208	264	245772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	308817	108.171	ng	0.00
7) Phenol-d6	7.300	99	420271	107.643	ng	0.00
23) Nitrobenzene-d5	9.315	82	247351	65.733	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	169055	107.386	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	632249	75.427	ng	0.00
79) Terphenyl-d14	20.126	244	871218	73.865	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.315	70	30769	11.460	ng	# 77
51) 2,6-Dinitrotoluene	14.779	165	16375	8.248	ng	# 20
57) 2,4-Dinitrotoluene	14.779	165	16375	5.963	ng	# 18
67) 4-Bromophenyl-phenylether	16.266	248	10346	3.681	ng	# 1
75) Fluoranthene	19.574	202	48143	2.902	ng	98
78) Pyrene	19.938	202	51202	3.142	ng	99
88) Benzo(b)fluoranthene	24.127	252	42669	2.768	ng	# 20
89) Benzo(k)fluoranthene	24.127	252	42669	2.750	ng	# 20
90) Benzo(a)pyrene	25.044	252	27981	2.124	ng	# 65

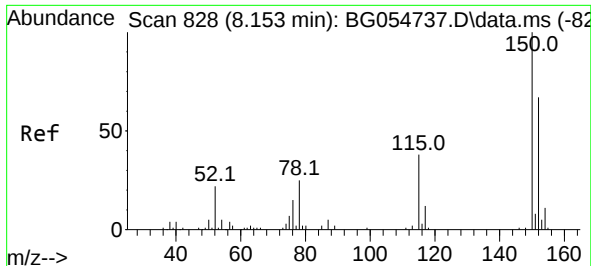
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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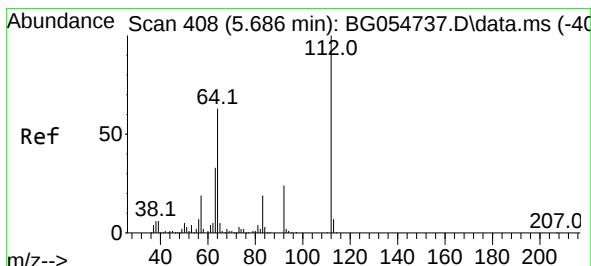
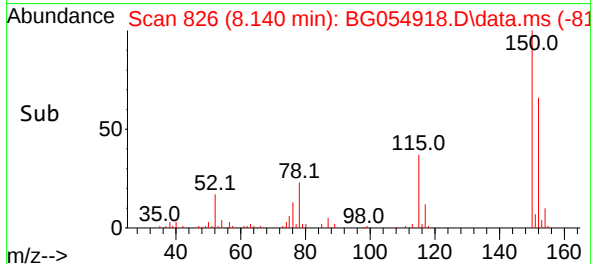
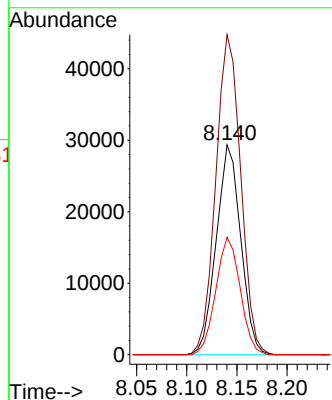
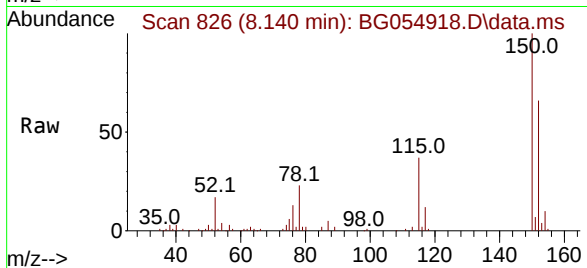




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

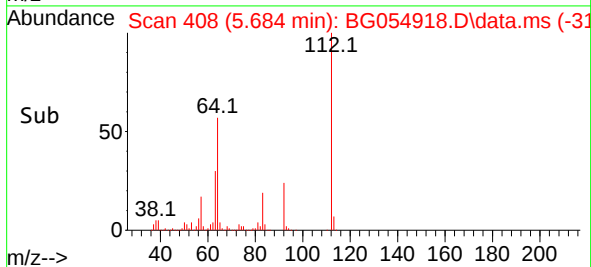
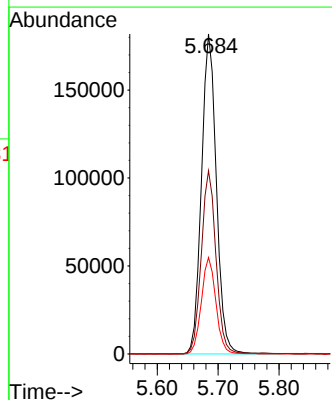
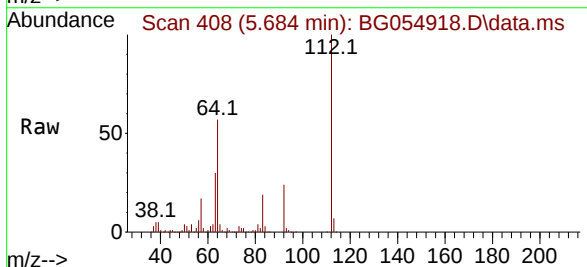
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

Tgt Ion:152 Resp: 49714
Ion Ratio Lower Upper
152 100
150 152.6 125.2 187.8
115 56.0 47.9 71.9



#5
2-Fluorophenol
Concen: 108.171 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

Tgt Ion:112 Resp: 308817
Ion Ratio Lower Upper
112 100
64 57.2 49.3 73.9
63 30.2 26.3 39.5

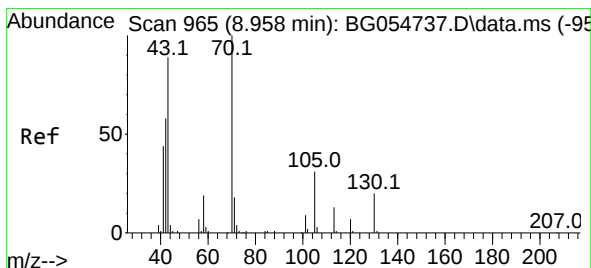
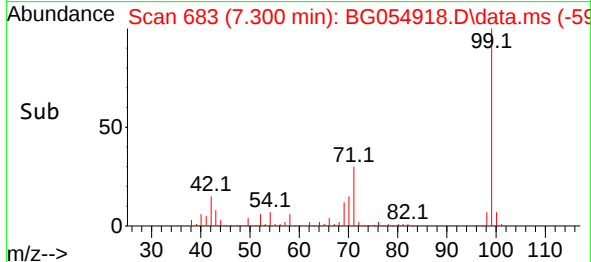
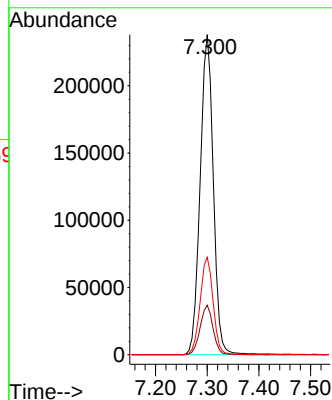
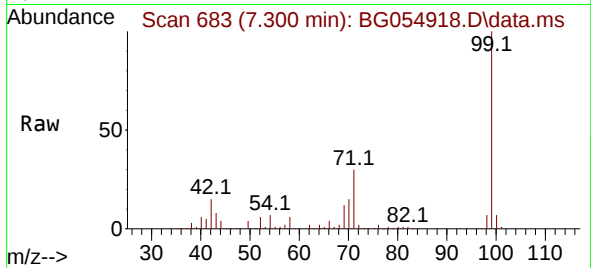




#7
Phenol-d6
Concen: 107.643 ng
RT: 7.300 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

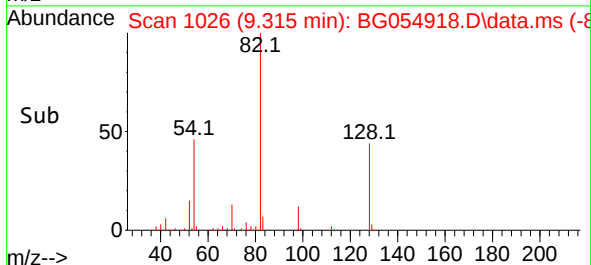
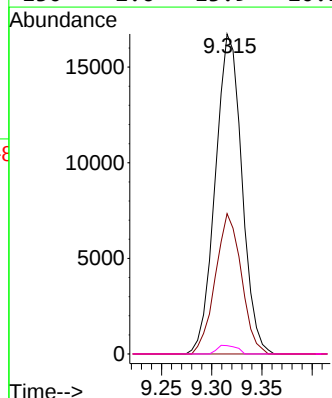
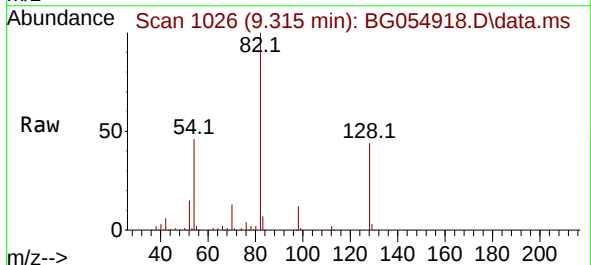
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

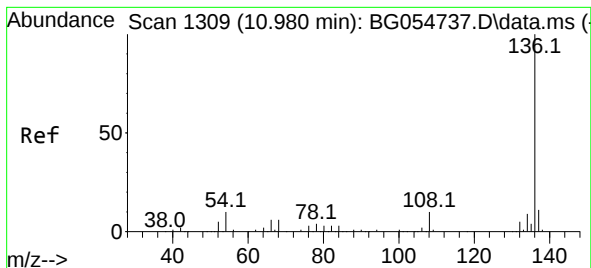
Tgt Ion: 99 Resp: 420271
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 30.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.460 ng
RT: 9.315 min Scan# 1026
Delta R.T. 0.364 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

Tgt Ion: 70 Resp: 30769
Ion Ratio Lower Upper
70 100
42 43.9 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.966 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG054918.D

Acq: 12 Sep 2022 23:07

Instrument :

BNA_G

ClientSampleId :

MBD-SB-1-2-0-5

Tgt Ion:136 Resp: 197543

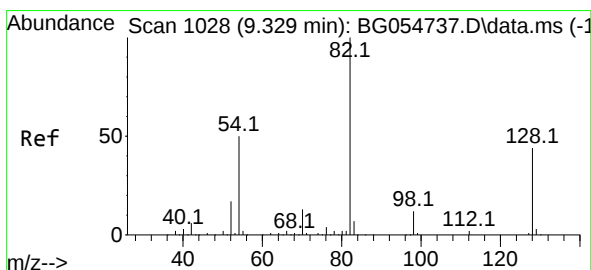
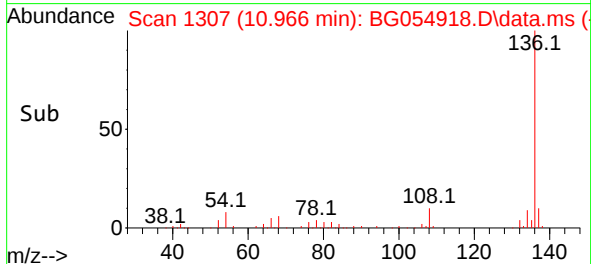
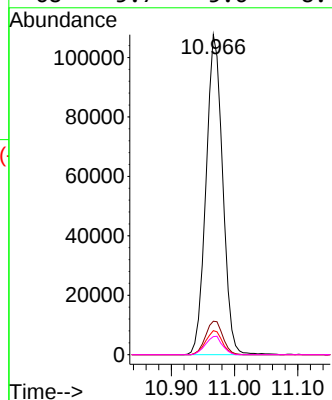
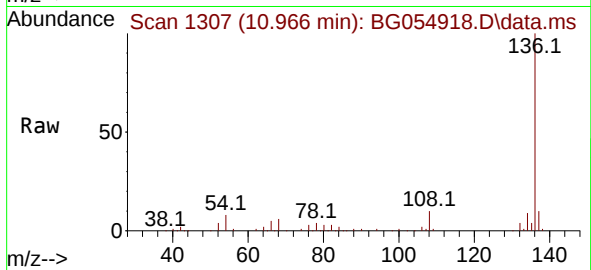
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.5 7.7 11.5#

68 5.7 5.6 8.4



#23

Nitrobenzene-d5

Concen: 65.733 ng

RT: 9.315 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG054918.D

Acq: 12 Sep 2022 23:07

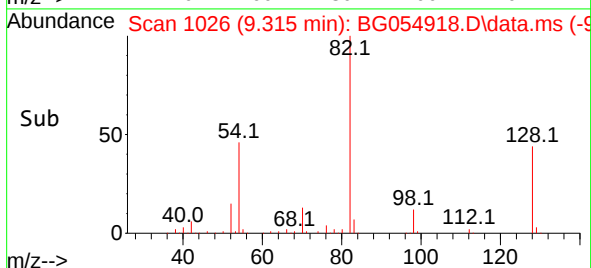
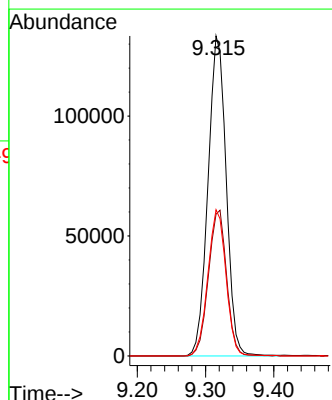
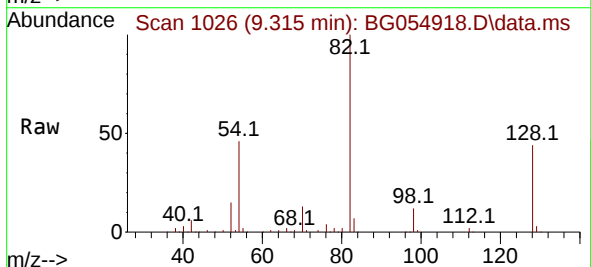
Tgt Ion: 82 Resp: 247351

Ion Ratio Lower Upper

82 100

128 44.3 32.2 48.2

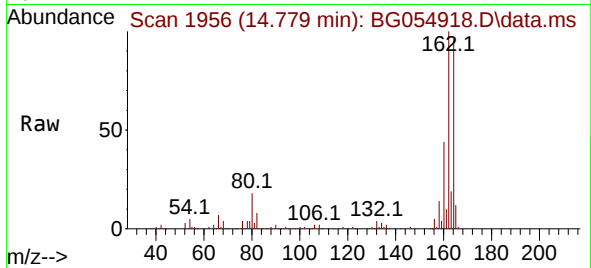
54 45.7 41.4 62.0



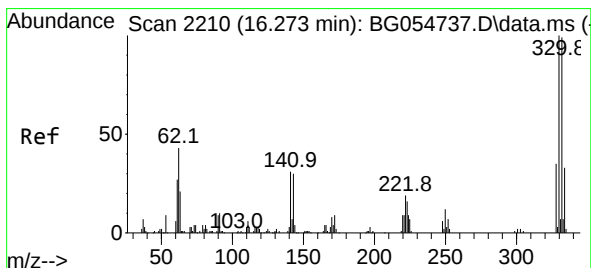
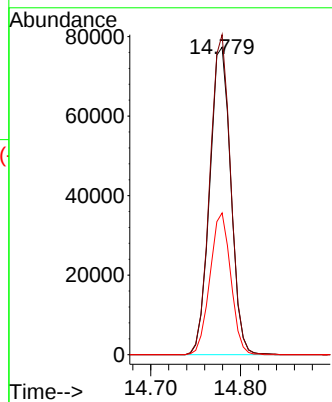
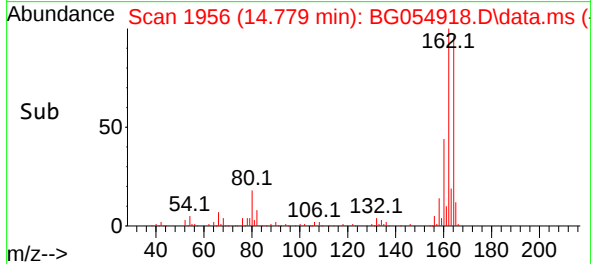


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.779 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

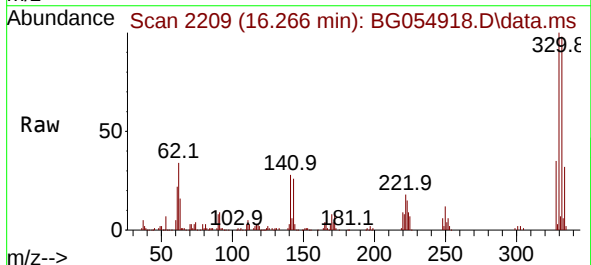
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5



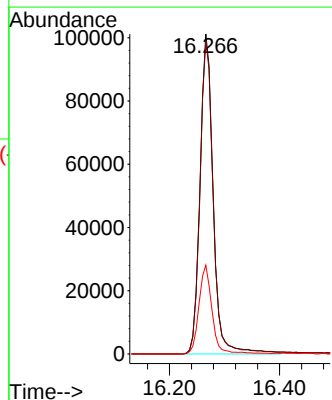
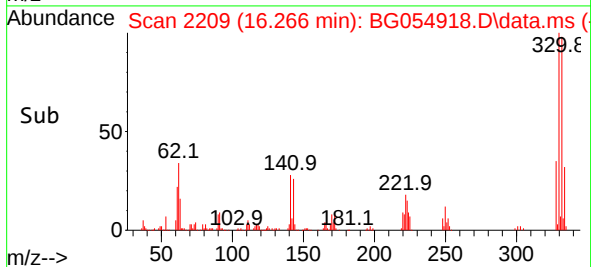
Tgt Ion:164 Resp: 125986
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.1 38.0 57.0

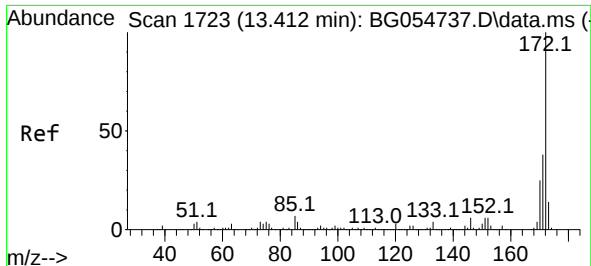


#42
2,4,6-Tribromophenol
Concen: 107.386 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07



Tgt Ion:330 Resp: 169055
Ion Ratio Lower Upper
330 100
332 99.3 79.8 119.6
141 27.6 26.8 40.2

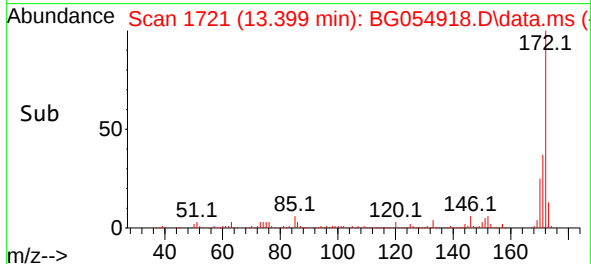
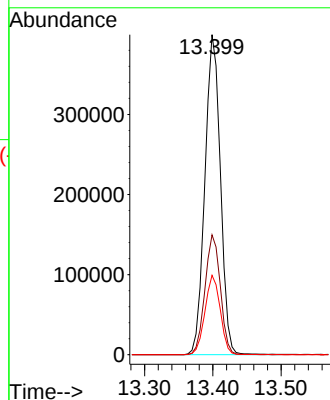
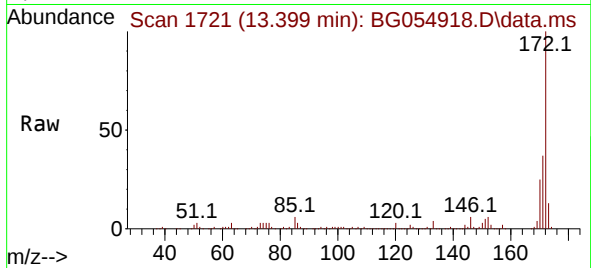




#45
2-Fluorobiphenyl
Concen: 75.427 ng
RT: 13.399 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

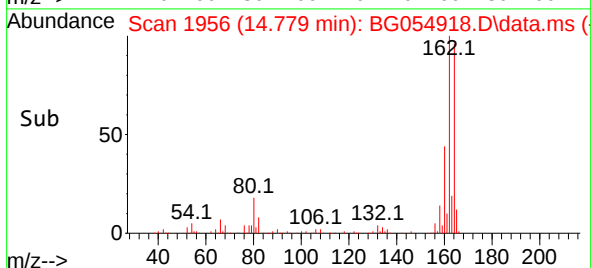
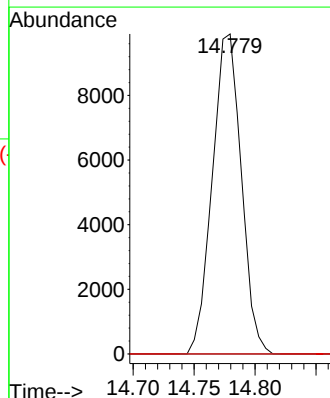
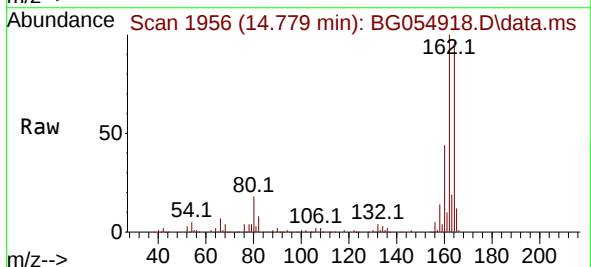
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

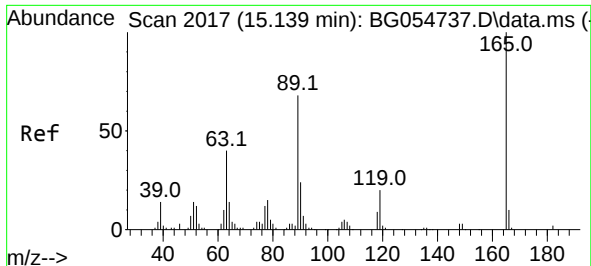
Tgt Ion:172 Resp: 632249
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.248 ng
RT: 14.779 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

Tgt Ion:165 Resp: 16375
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.963 ng

RT: 14.779 min Scan# 1956

Delta R.T. -0.364 min

Lab File: BG054918.D

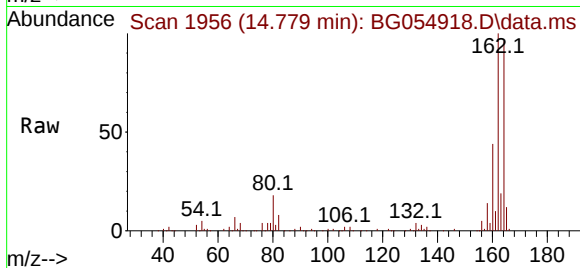
Acq: 12 Sep 2022 23:07

Instrument :

BNA_G

ClientSampleId :

MBD-SB-1-2-0-5



Tgt Ion:165 Resp: 16375

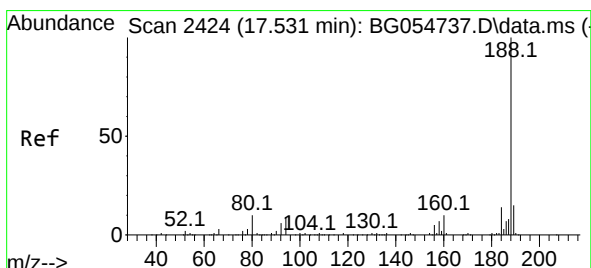
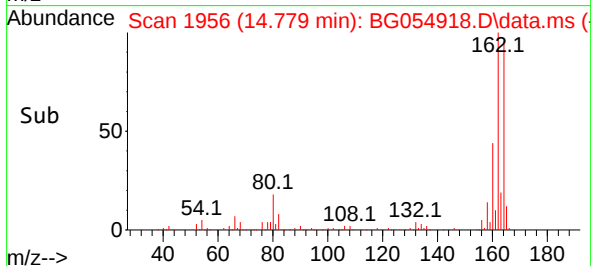
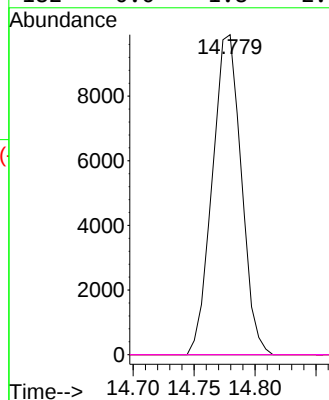
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.523 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BG054918.D

Acq: 12 Sep 2022 23:07

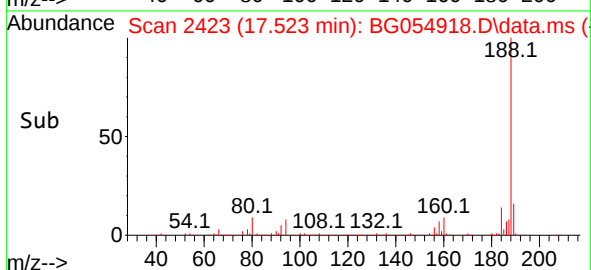
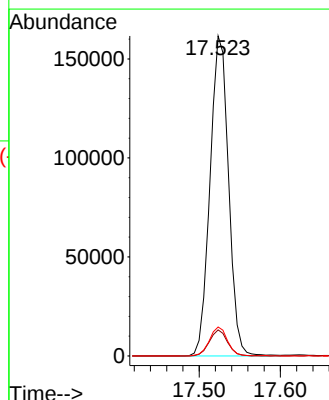
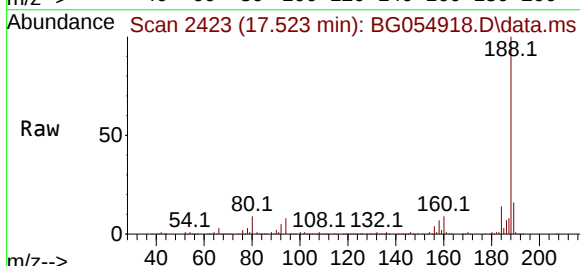
Tgt Ion:188 Resp: 255988

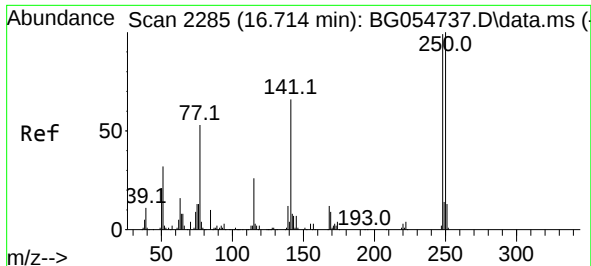
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.0 7.9 11.9

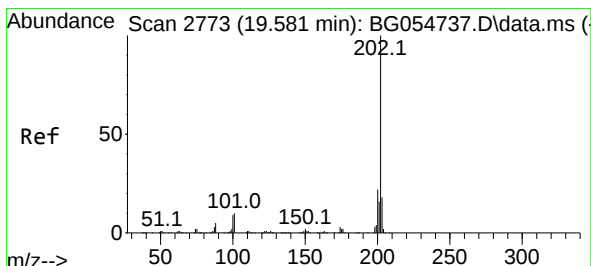
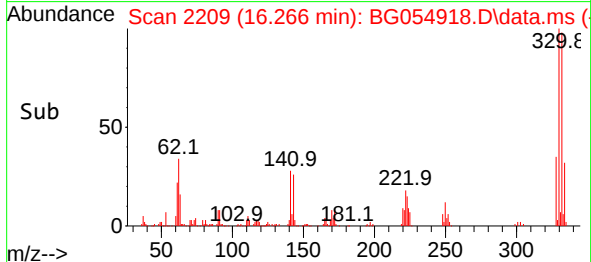
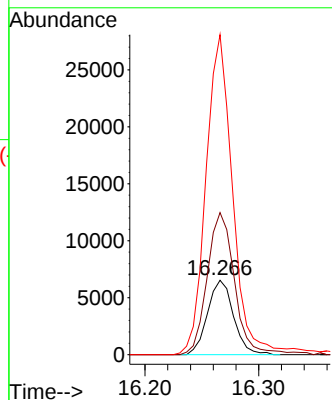
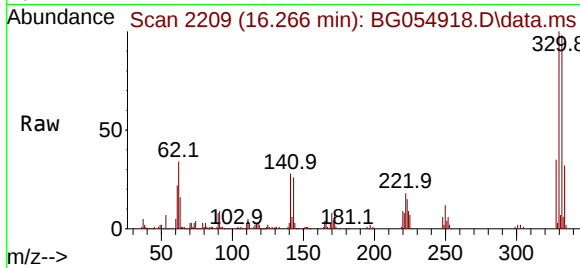




#67
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 16.266 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

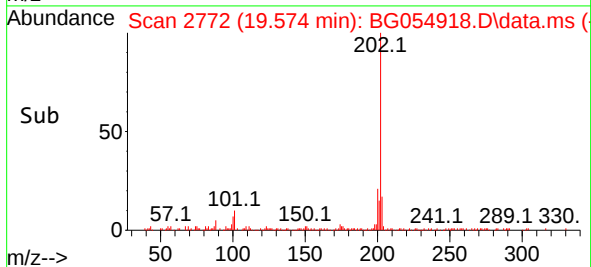
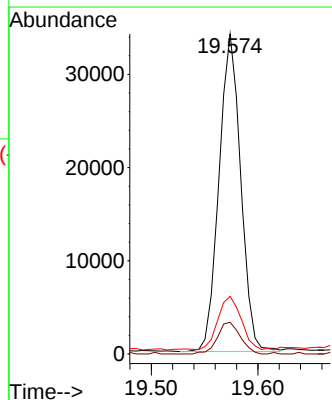
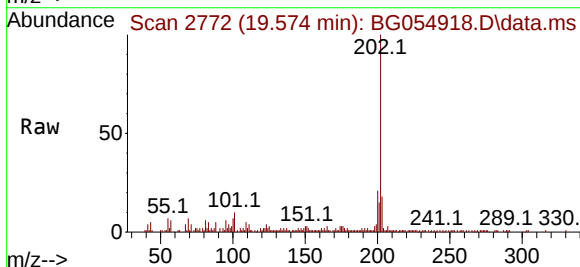
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

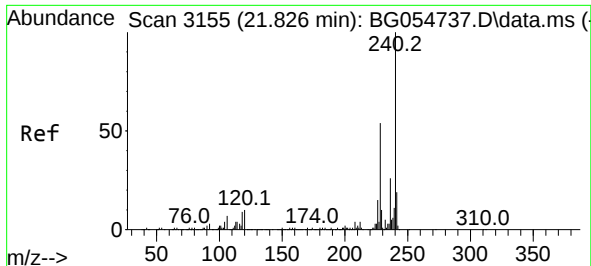
Tgt Ion:248 Resp: 10346
Ion Ratio Lower Upper
248 100
250 191.2 78.8 118.2#
141 430.5 51.9 77.9#



#75
Fluoranthene
Concen: 2.902 ng
RT: 19.574 min Scan# 2772
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

Tgt Ion:202 Resp: 48143
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 18.0 0.0 38.6

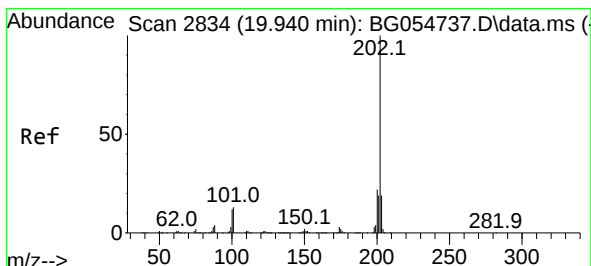
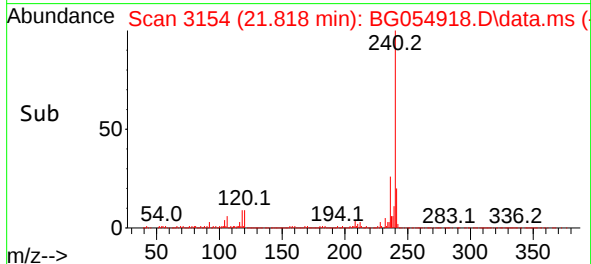
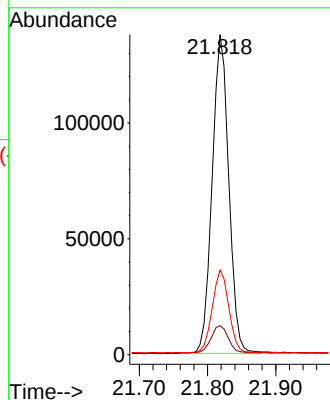
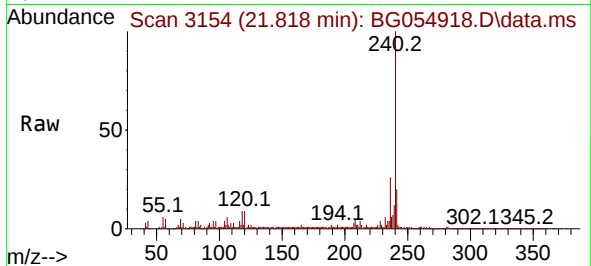




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

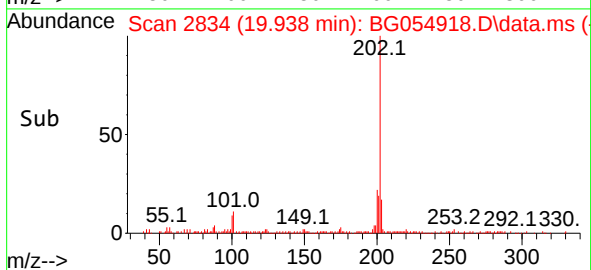
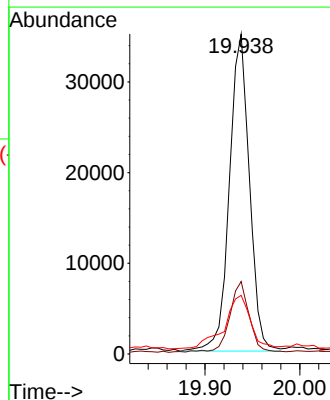
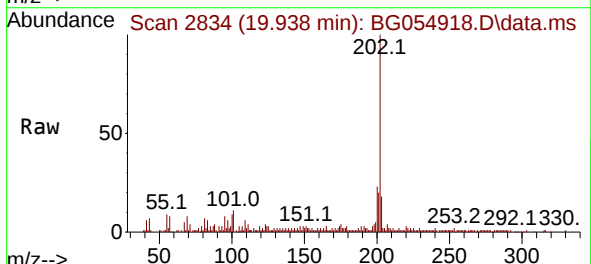
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

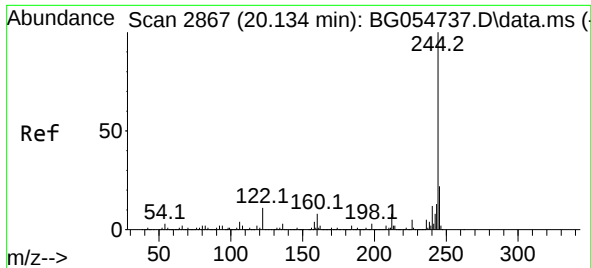
Tgt Ion:240 Resp: 233701
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.4 21.2 31.8



#78
Pyrene
Concen: 3.142 ng
RT: 19.938 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

Tgt Ion:202 Resp: 51202
Ion Ratio Lower Upper
202 100
200 22.7 17.8 26.6
203 18.3 14.6 21.8

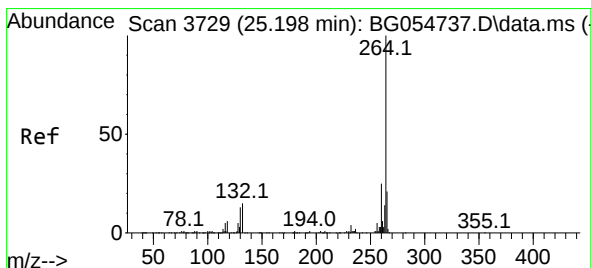
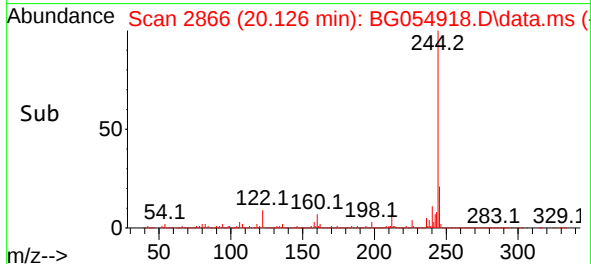
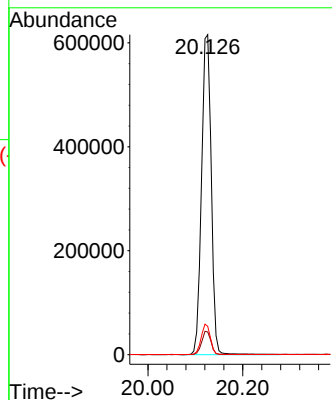
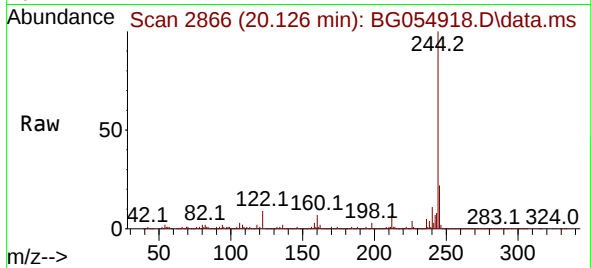




#79
 Terphenyl-d14
 Concen: 73.865 ng
 RT: 20.126 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054918.D
 Acq: 12 Sep 2022 23:07

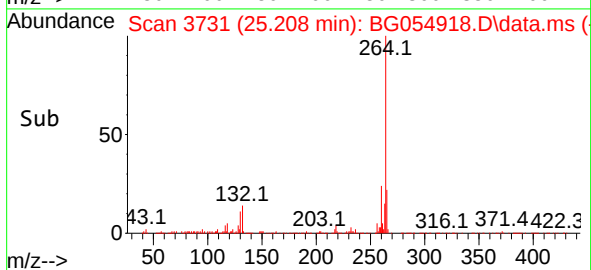
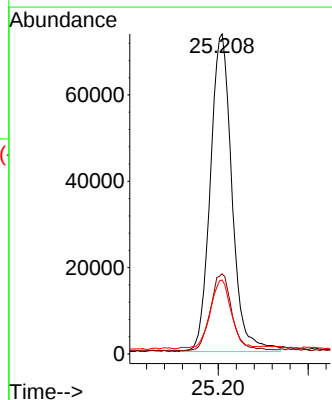
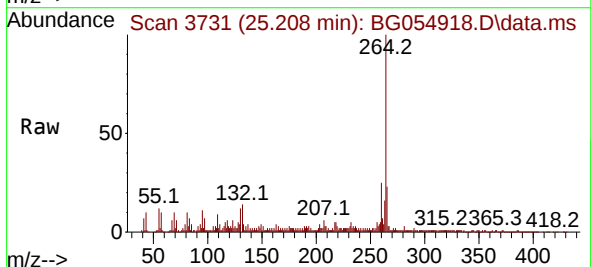
Instrument :
 BNA_G
 ClientSampleId :
 MBD-SB-1-2-0-5

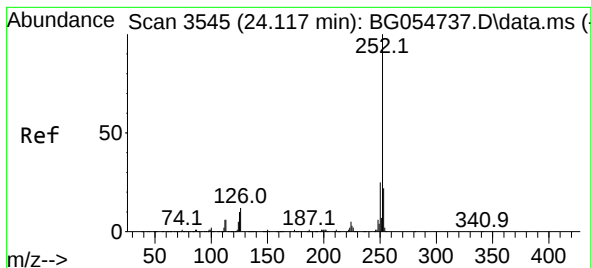
Tgt Ion:244 Resp: 871218
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.9 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.208 min Scan# 3731
 Delta R.T. 0.006 min
 Lab File: BG054918.D
 Acq: 12 Sep 2022 23:07

Tgt Ion:264 Resp: 245772
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 23.1 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 2.768 ng

RT: 24.127 min Scan# 3547

Delta R.T. 0.006 min

Lab File: BG054918.D

Acq: 12 Sep 2022 23:07

Instrument :

BNA_G

ClientSampleId :

MBD-SB-1-2-0-5

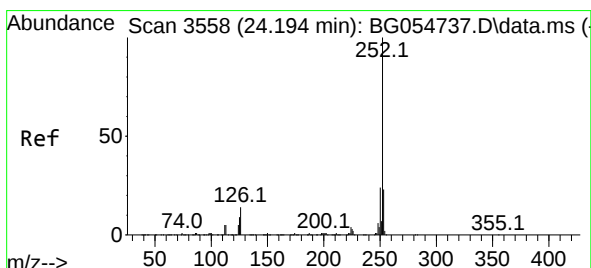
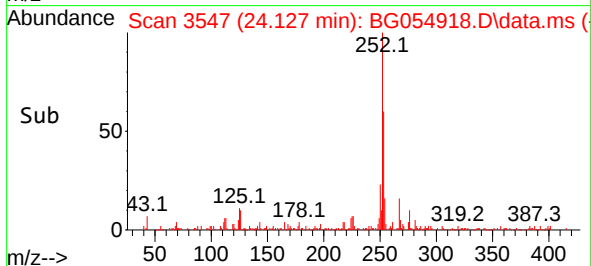
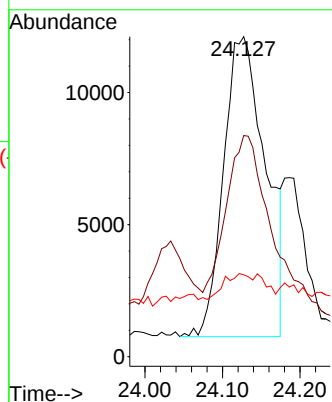
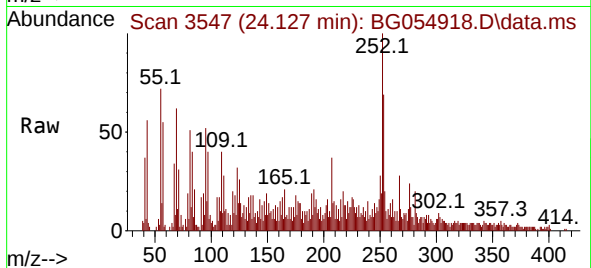
Tgt Ion:252 Resp: 42669

Ion Ratio Lower Upper

252 100

253 69.1 18.0 27.0#

125 25.6 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 2.750 ng

RT: 24.127 min Scan# 3547

Delta R.T. -0.065 min

Lab File: BG054918.D

Acq: 12 Sep 2022 23:07

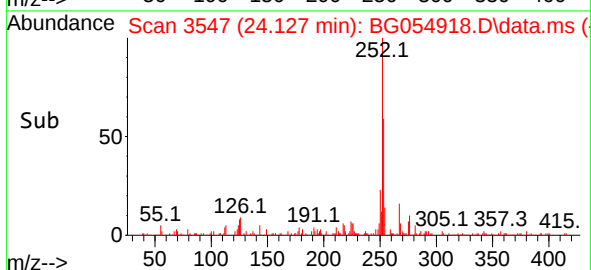
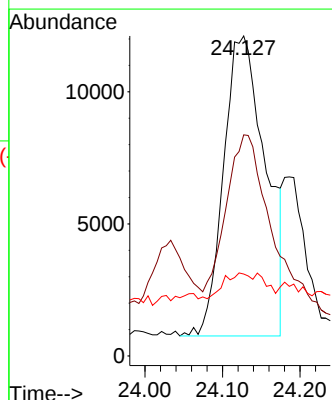
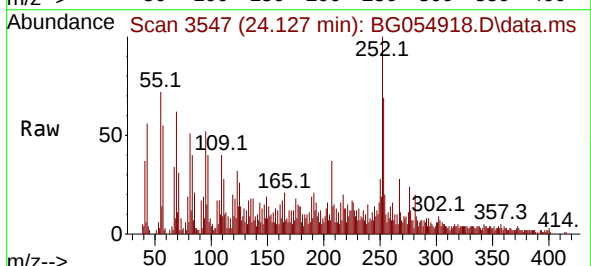
Tgt Ion:252 Resp: 42669

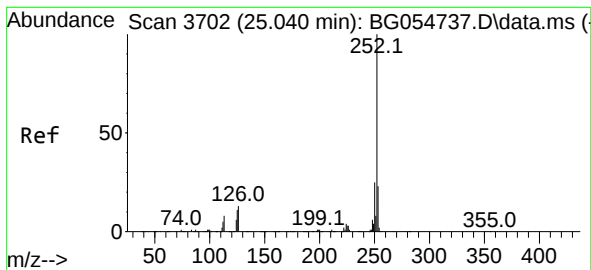
Ion Ratio Lower Upper

252 100

253 69.1 17.8 26.8#

125 25.6 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 2.124 ng

RT: 25.044 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG054918.D

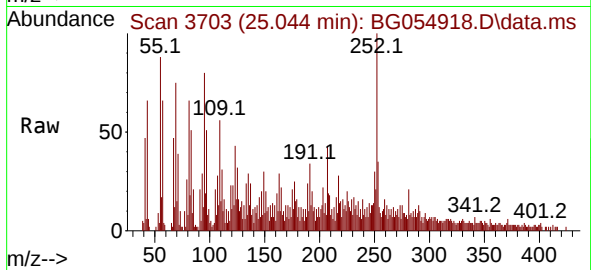
Acq: 12 Sep 2022 23:07

Instrument :

BNA_G

ClientSampleId :

MBD-SB-1-2-0-5



Tgt Ion:252 Resp: 27981

Ion Ratio Lower Upper

252 100

253 35.2 18.3 27.5#

125 32.4 8.8 13.2#

