

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)

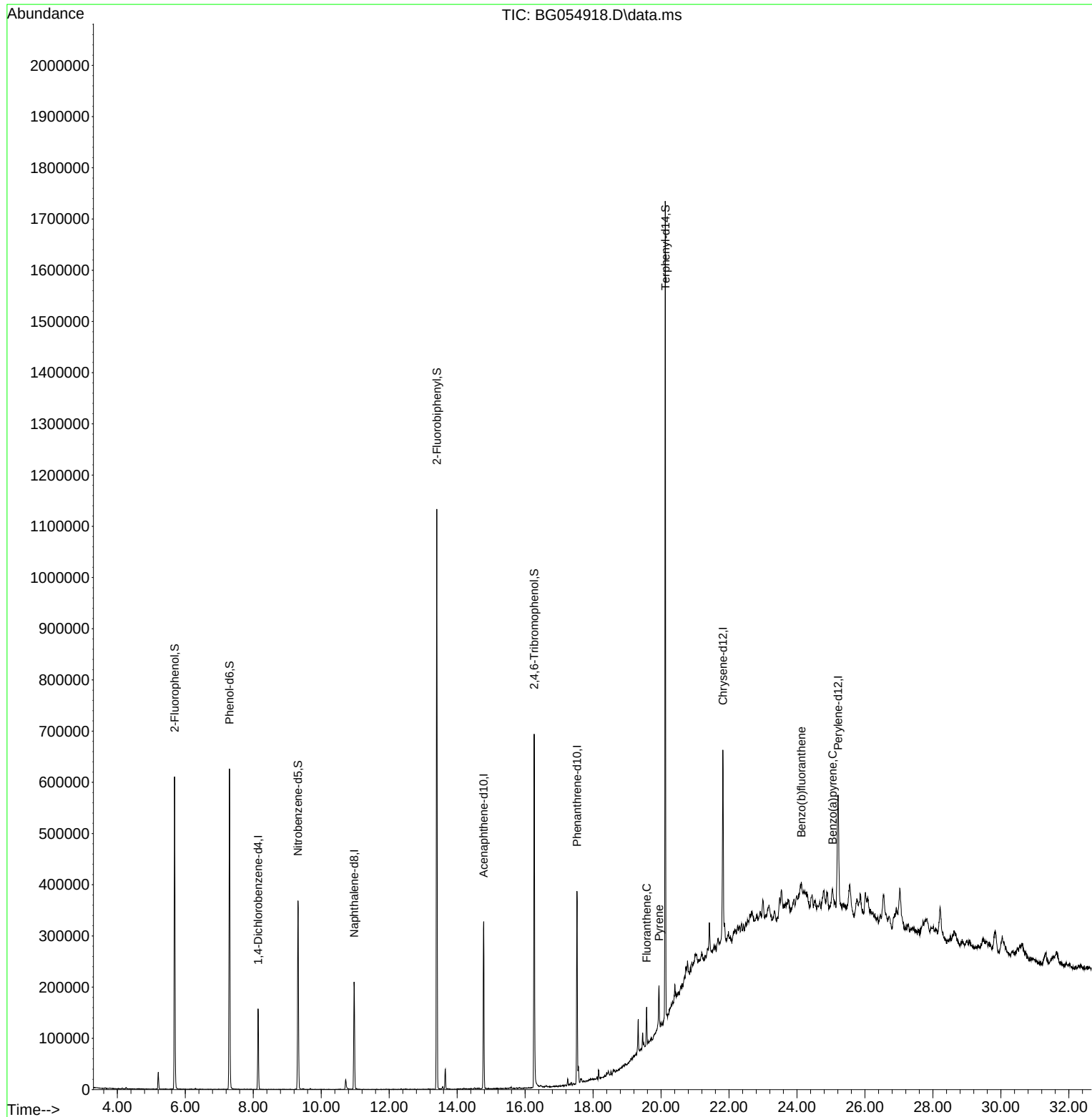
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	49714	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	197543	20.000	ng	# 0.00
39) Acenaphthene-d10	14.779	164	125986	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	255988	20.000	ng	0.00
76) Chrysene-d12	21.818	240	233701	20.000	ng	0.00
86) Perylene-d12	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
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
90) Benzo(a)pyrene	25.044	252	27981	2.124	ng	# 65

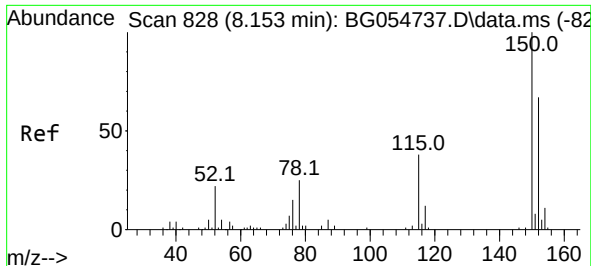
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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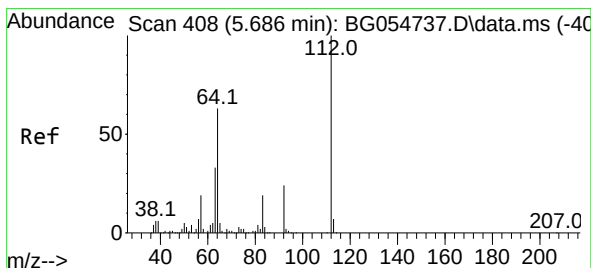
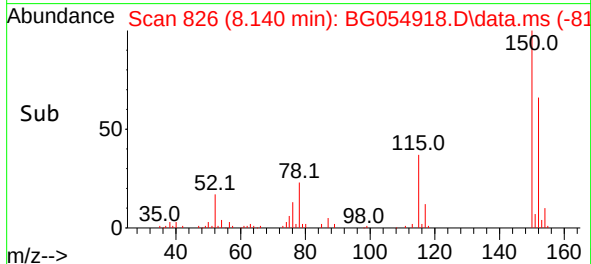
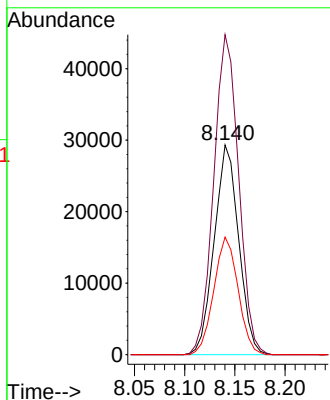
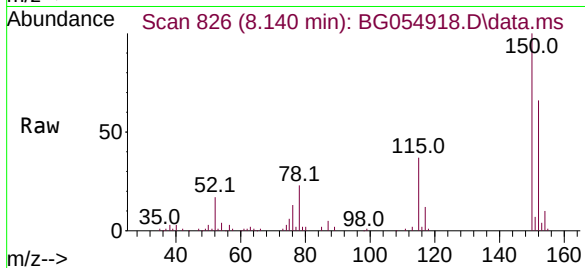




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

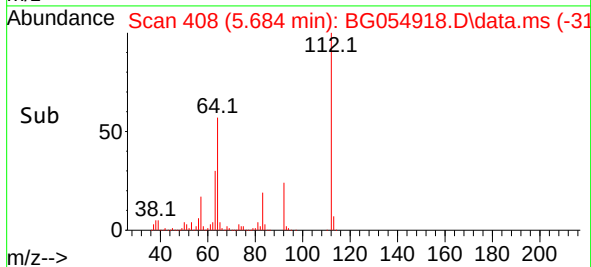
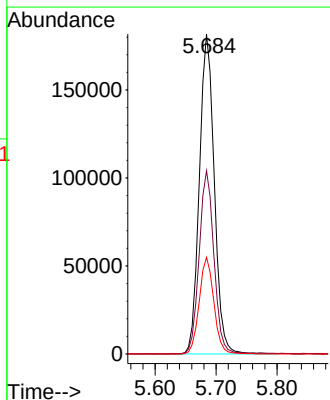
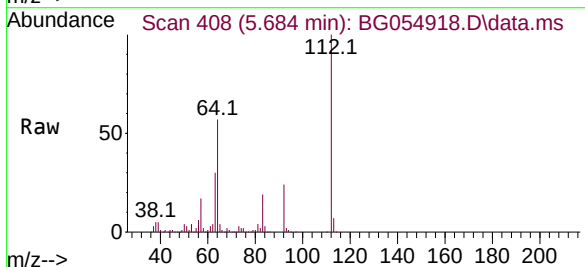
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

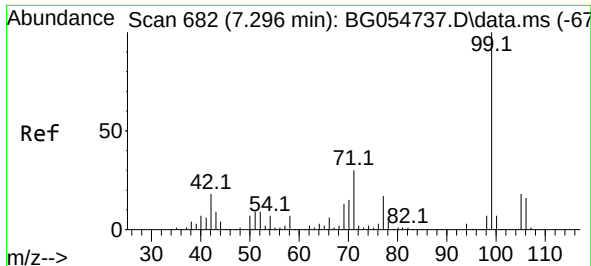
Tgt Ion:152 Resp: 49714
Ion Ratio Lower Upper
152 100
150 152.6 125.2 187.8
115 56.0 47.9 71.9



#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

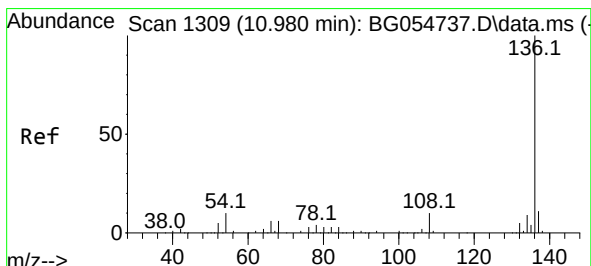
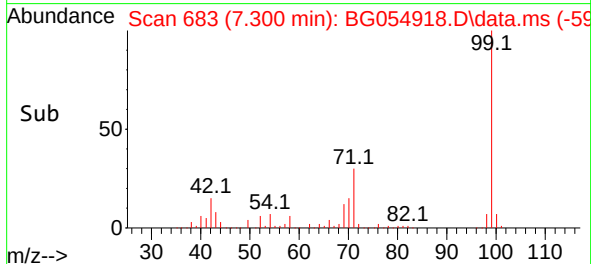
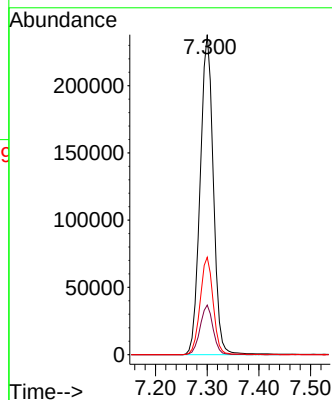
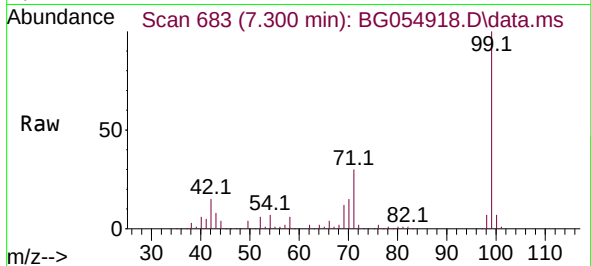




#7
Phenol-d6
Concen: 107.643 ng
RT: 7.300 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

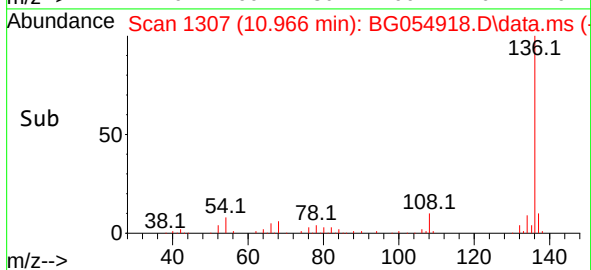
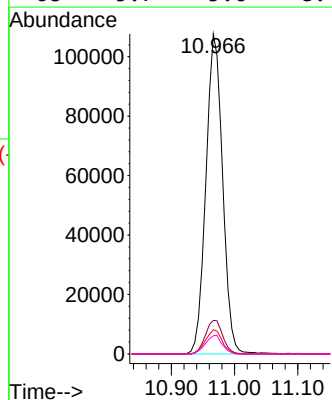
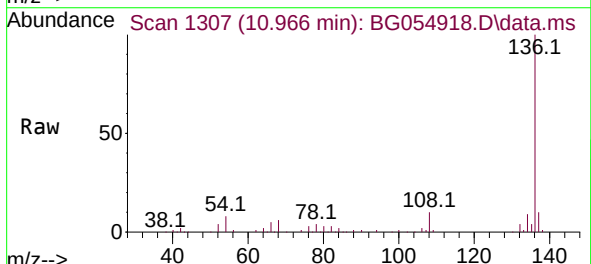
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

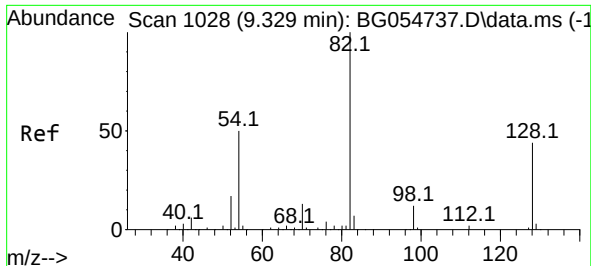
Tgt Ion: 99 Resp: 420271
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 30.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

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

Instrument :

BNA_G

ClientSampleId :

MBD-SB-1-2-0-5

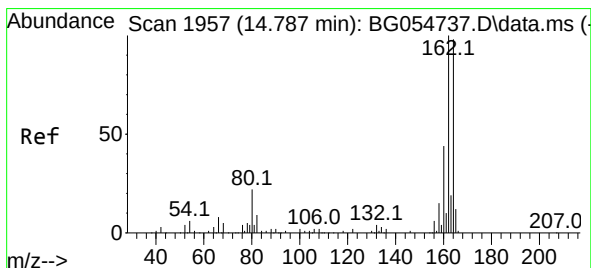
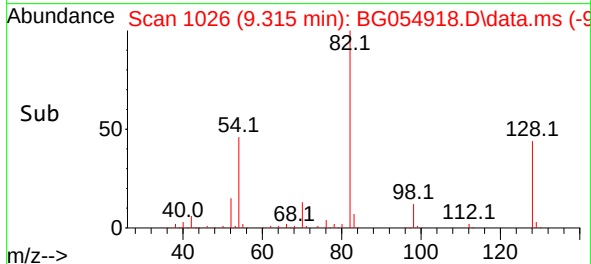
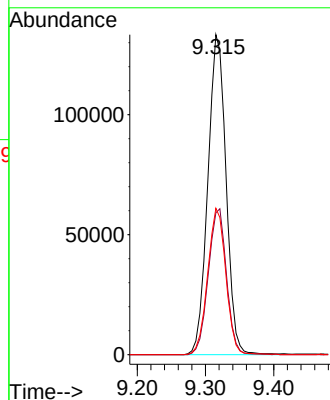
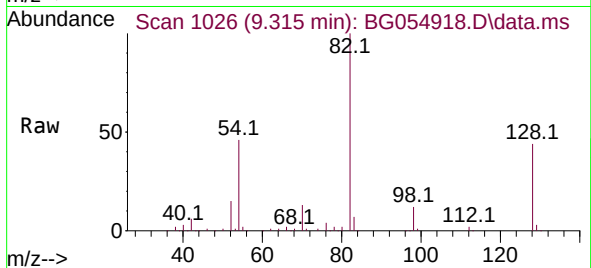
Tgt Ion: 82 Resp: 247351

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

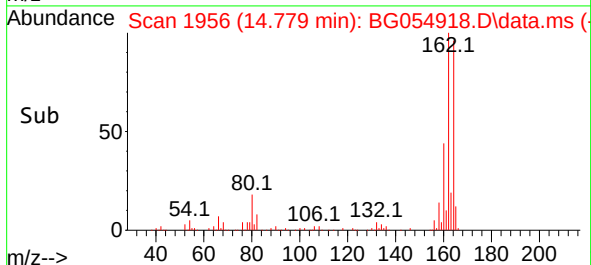
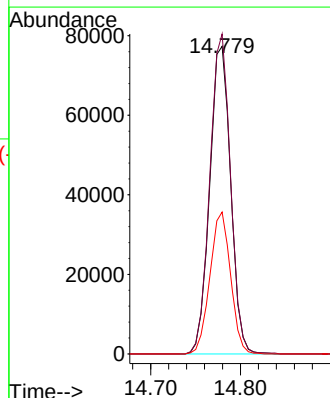
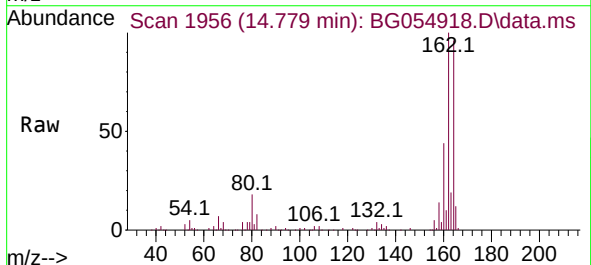
Tgt Ion:164 Resp: 125986

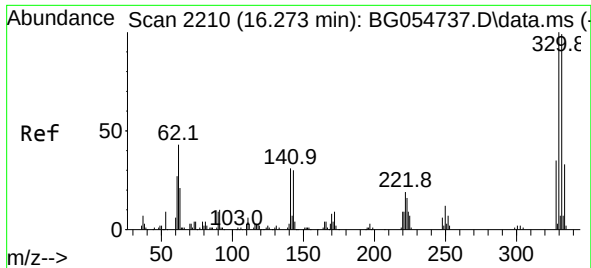
Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

160 46.1 38.0 57.0

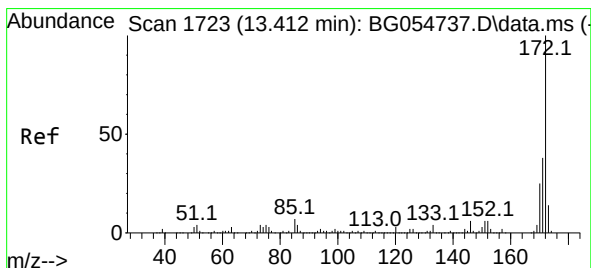
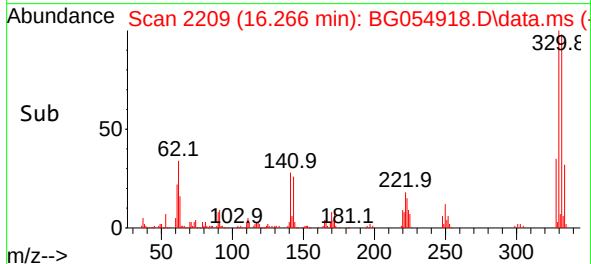
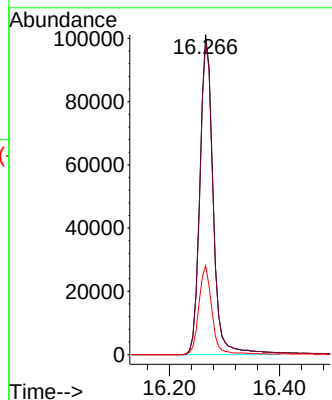
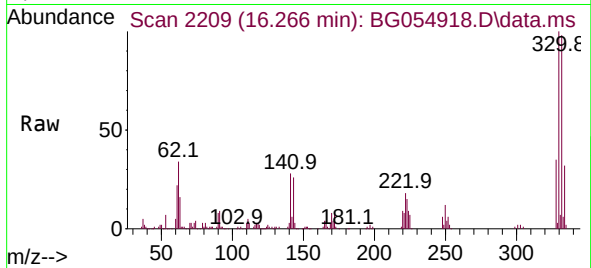




#42
2,4,6-Tribromophenol
Concen: 107.386 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

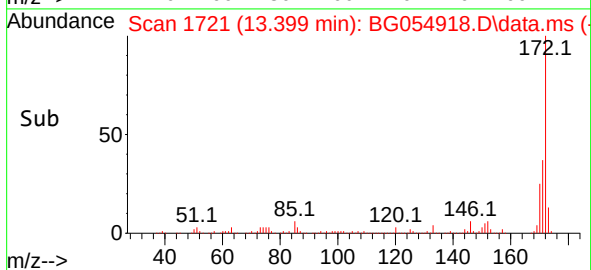
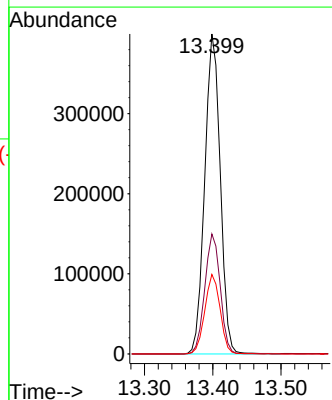
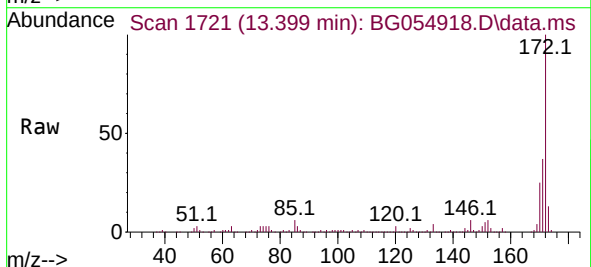
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

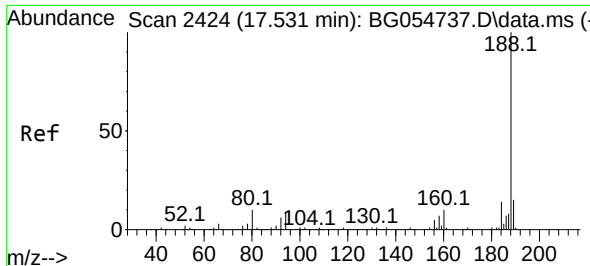
Tgt Ion:330 Resp: 169055
Ion Ratio Lower Upper
330 100
332 99.3 79.8 119.6
141 27.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 75.427 ng
RT: 13.399 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

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

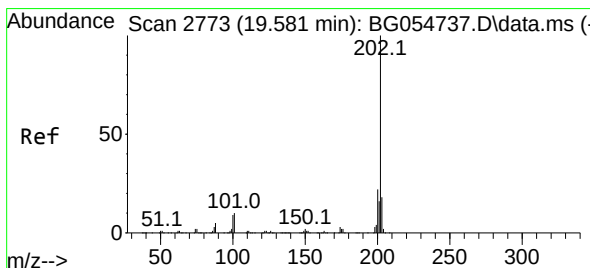
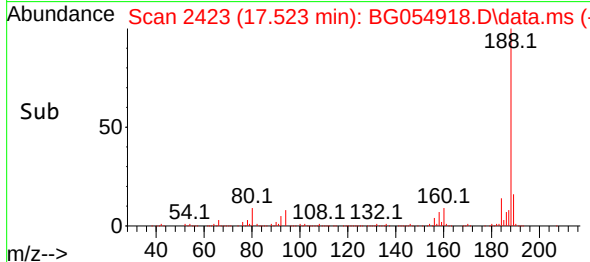
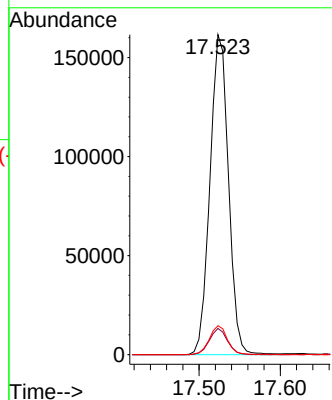
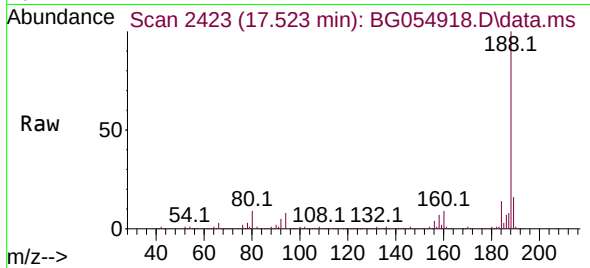




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.523 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

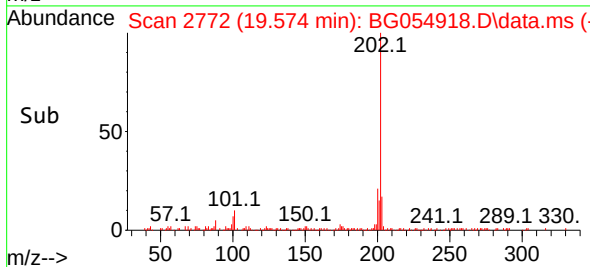
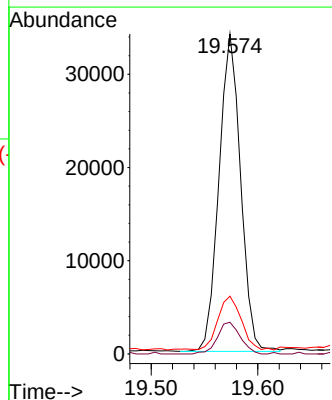
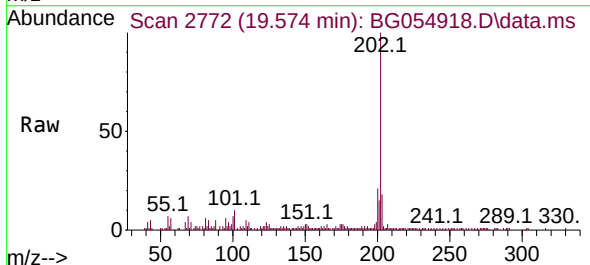
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

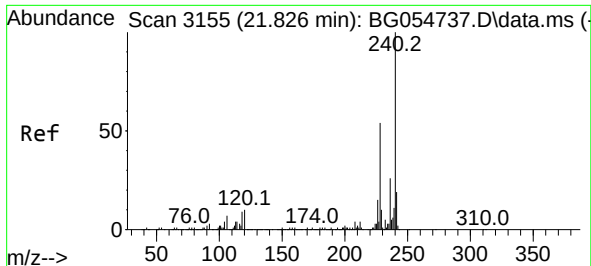
Tgt Ion:188 Resp: 255988
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.0 7.9 11.9



#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

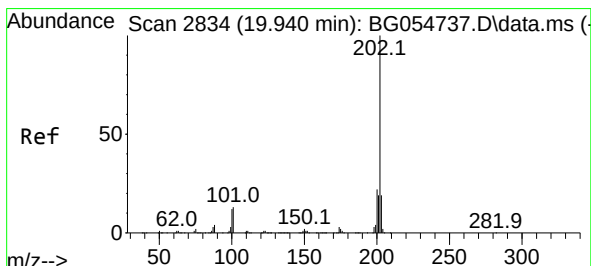
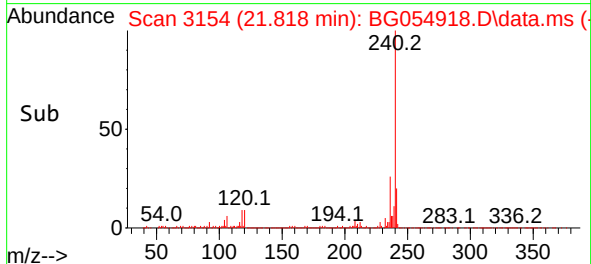
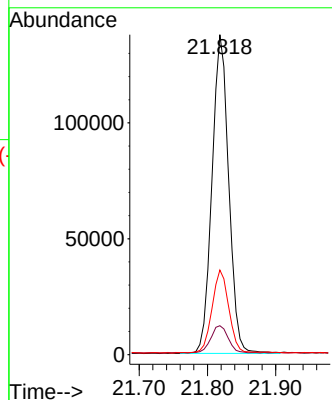
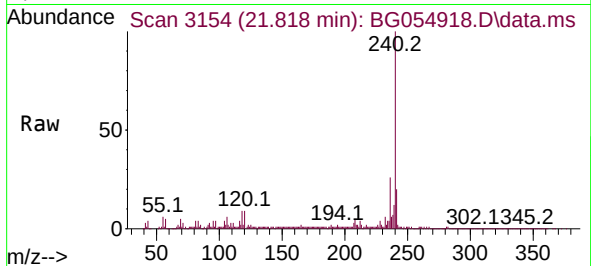




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

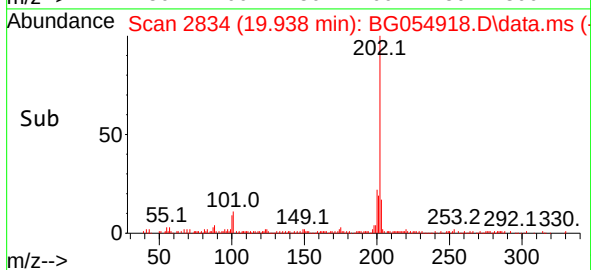
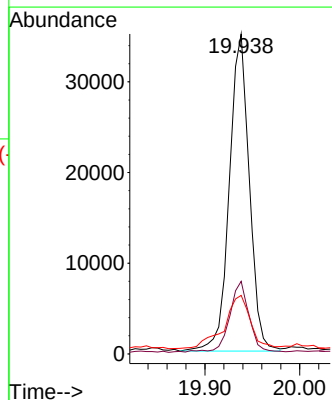
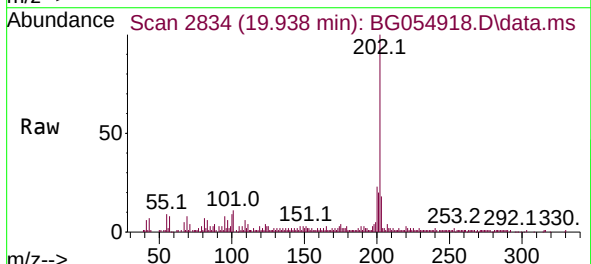
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

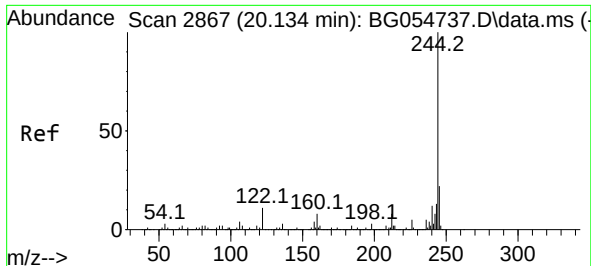
Tgt Ion:240 Resp: 233701
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.4 21.2 31.8



#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

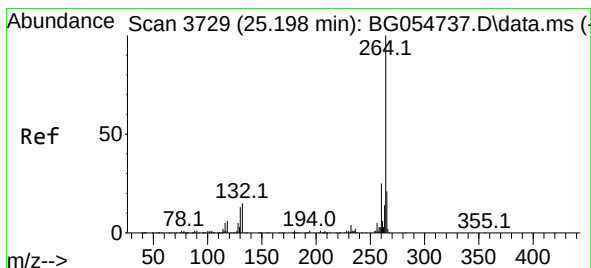
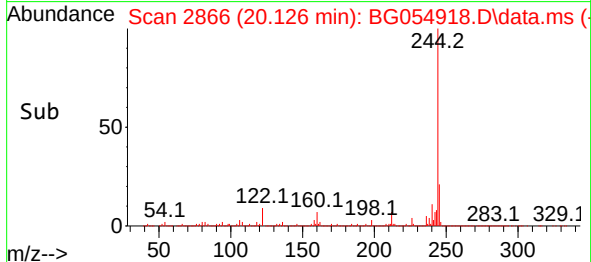
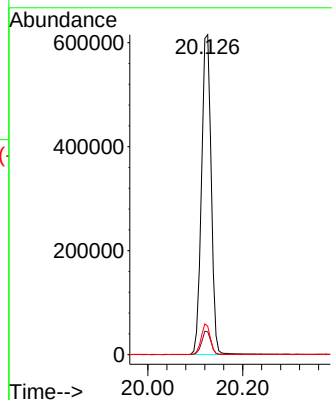
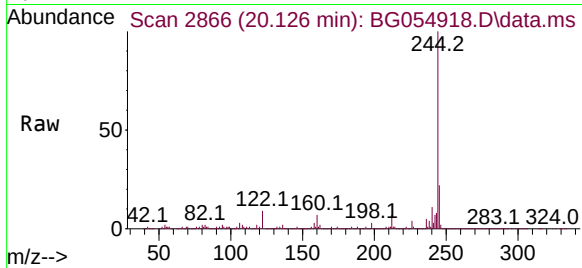




#79
 Terphenyl-d14
 Concen: 73.865 ng
 RT: 20.126 min Scan# 2866
 Delta R.T. -0.000 min
 Lab File: BG054918.D
 Acq: 12 Sep 2022 23:07

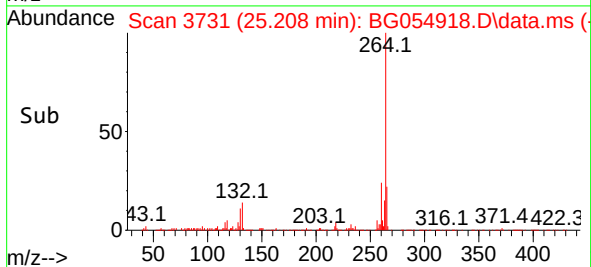
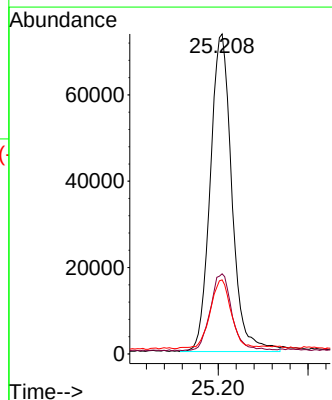
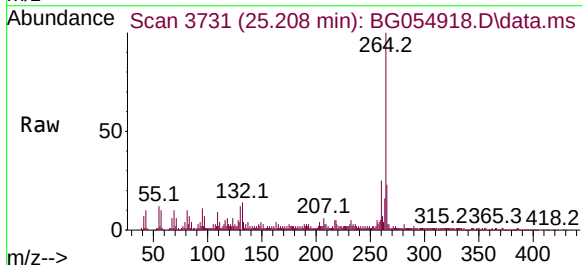
Instrument :
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 ClientSampleId :
 MBD-SB-1-2-0-5

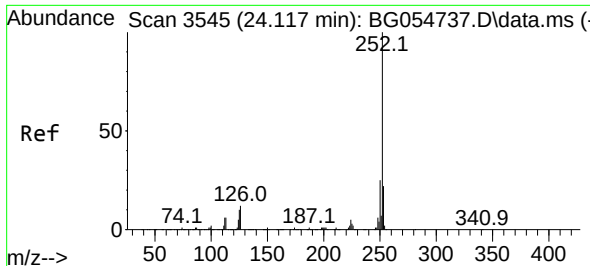
Tgt Ion:244 Resp: 871218
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.9 9.0 13.6#



#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

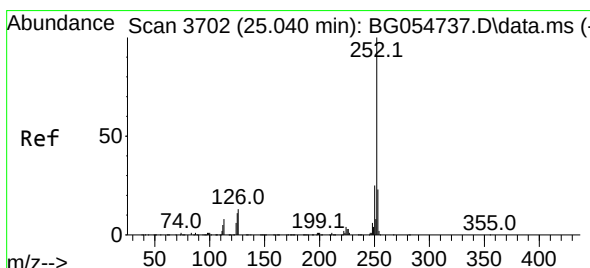
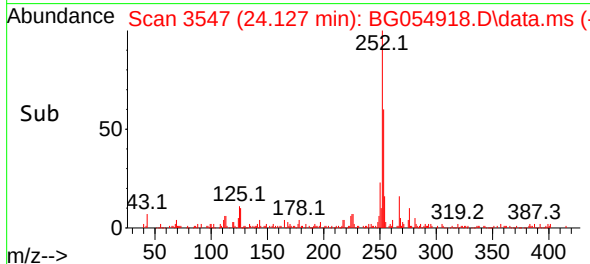
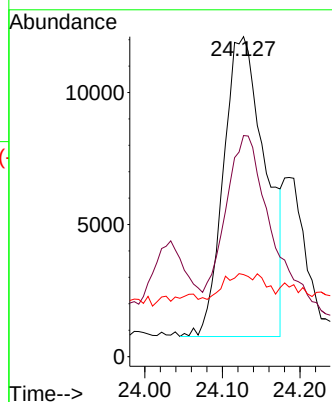
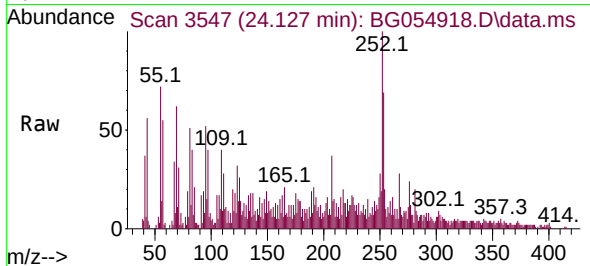




#88
Benzo(b)fluoranthene
Concen: 2.768 ng
RT: 24.127 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

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

Tgt Ion:252 Resp: 42669
Ion Ratio Lower Upper
252 100
253 69.1 18.0 27.0#
125 25.6 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 2.124 ng
RT: 25.044 min Scan# 3703
Delta R.T. -0.006 min
Lab File: BG054918.D
Acq: 12 Sep 2022 23:07

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#

