

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054338.D
 Acq On : 20 Jul 2022 22:21
 Operator : CG/JU
 Sample : N3778-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-071922

Quant Time: Jul 21 01:26:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

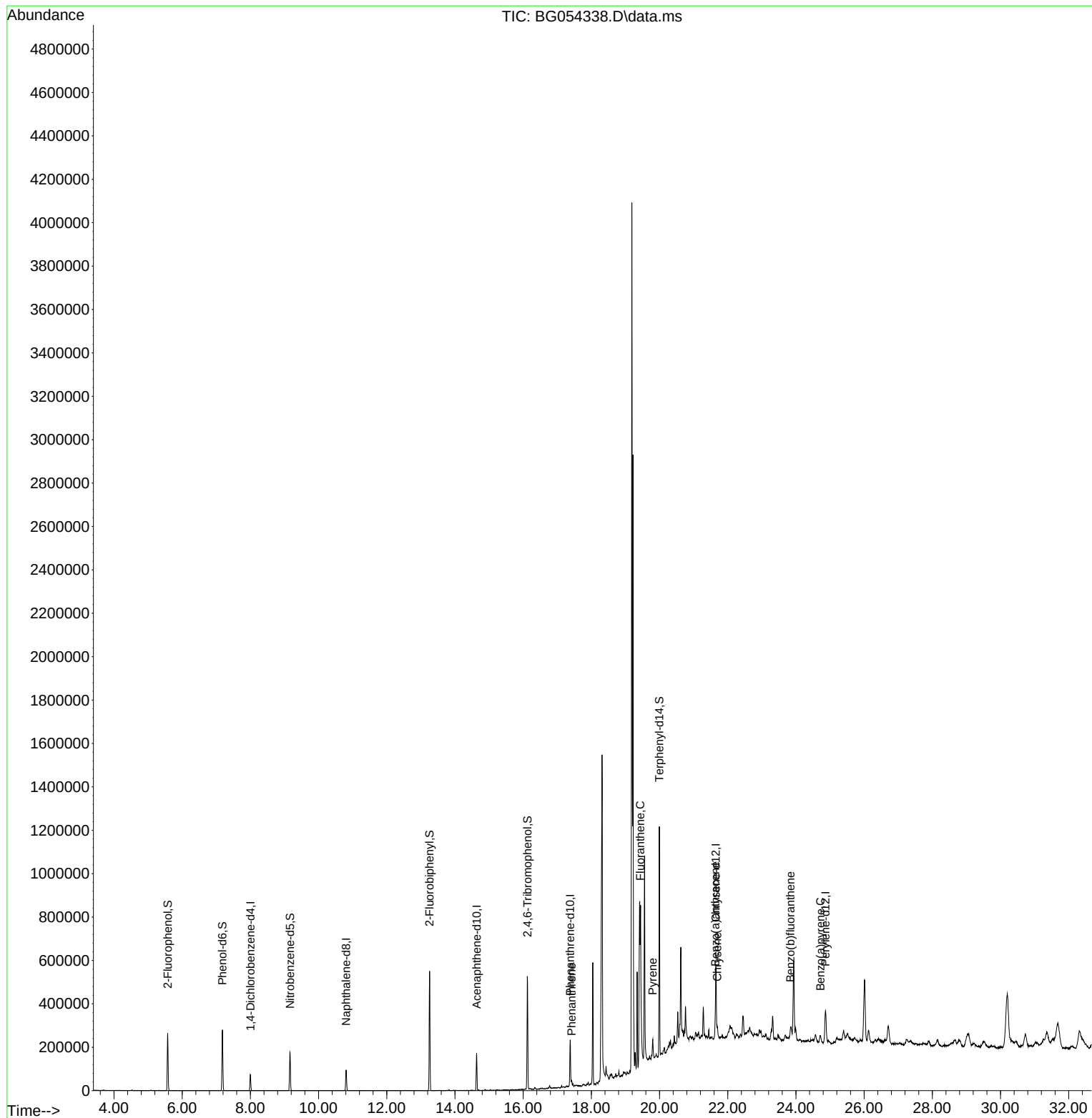
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.003	152	23263	20.000	ng	0.00
21) Naphthalene-d8	10.806	136	89209	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	65573	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	151148	20.000	ng	# 0.00
76) Chrysene-d12	21.652	240	166209	20.000	ng	# 0.00
86) Perylene-d12	24.866	264	177539	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	121332	108.897	ng	0.00
7) Phenol-d6	7.181	99	162245	106.271	ng	0.00
23) Nitrobenzene-d5	9.166	82	107593	65.679	ng	0.00
42) 2,4,6-Tribromophenol	16.129	330	136489	99.136	ng	0.00
45) 2-Fluorobiphenyl	13.256	172	323142	69.519	ng	0.00
79) Terphenyl-d14	19.995	244	566238	67.584	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.421	178	19584	2.602	ng	97
75) Fluoranthene	19.437	202	53749	5.238	ng	92
78) Pyrene	19.801	202	55789	5.850	ng	99
81) Benzo(a)anthracene	21.634	228	34477	3.268	ng	93
83) Chrysene	21.693	228	39292	3.942	ng	# 96
88) Benzo(b)fluoranthene	23.843	252	54965	5.235	ng	# 88
90) Benzo(a)pyrene	24.719	252	36393	4.059	ng	# 93

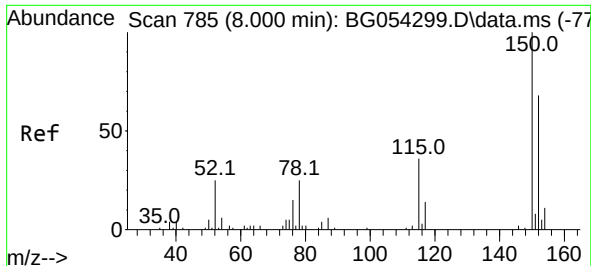
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
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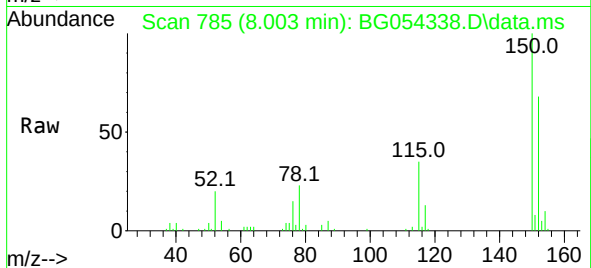
Quant Time: Jul 21 01:26:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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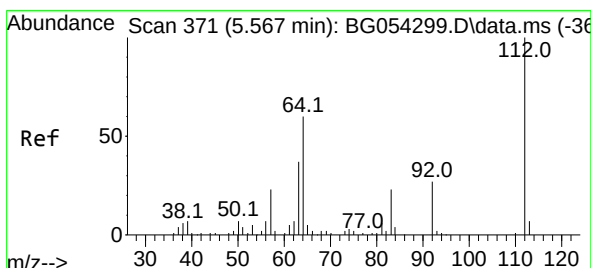
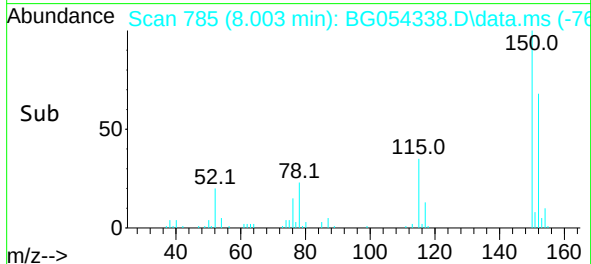
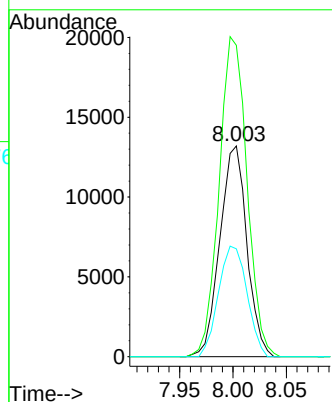


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.003 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

Instrument :
BNA_G
ClientSampleId :
BU-03-071922

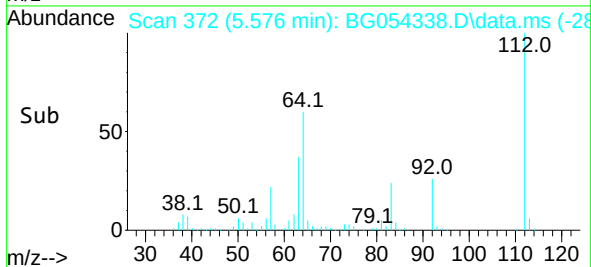
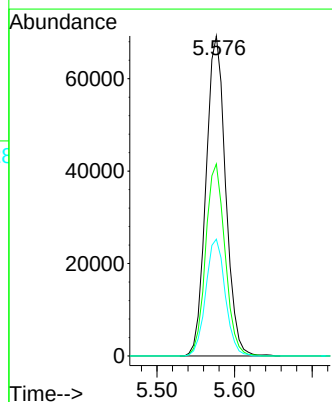
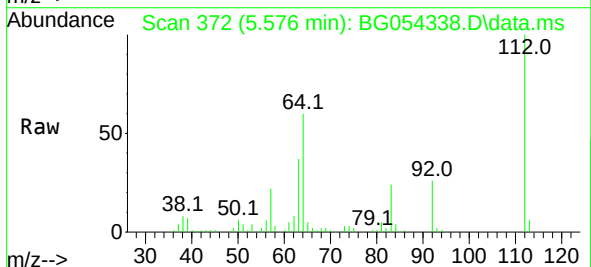


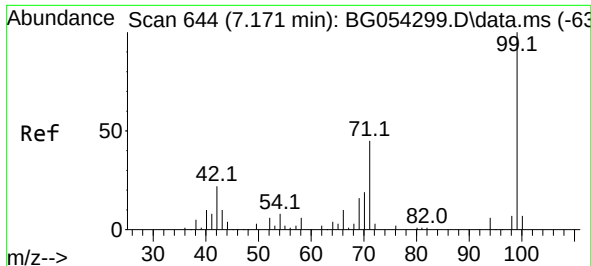
Tgt Ion:152 Resp: 23263
Ion Ratio Lower Upper
152 100
150 147.8 131.6 197.4
115 51.2 50.9 76.3



#5
2-Fluorophenol
Concen: 108.897 ng
RT: 5.576 min Scan# 372
Delta R.T. 0.009 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

Tgt Ion:112 Resp: 121332
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 36.5 30.4 45.6

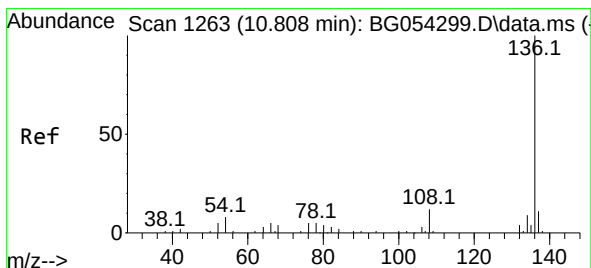
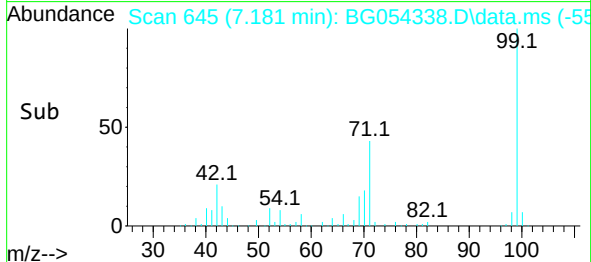
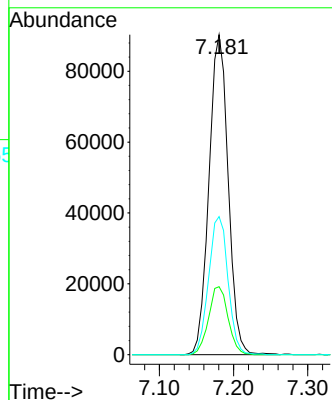
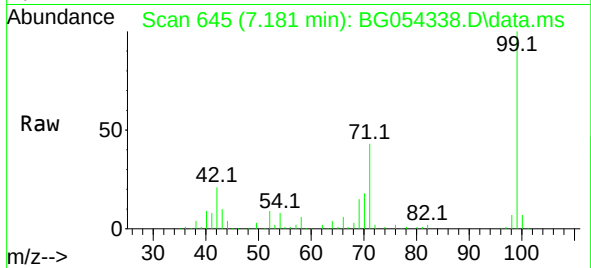




#7
Phenol-d6
Concen: 106.271 ng
RT: 7.181 min Scan# 64
Delta R.T. 0.009 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

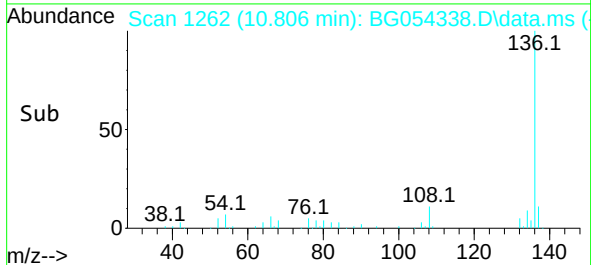
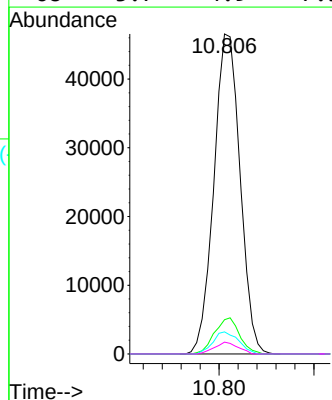
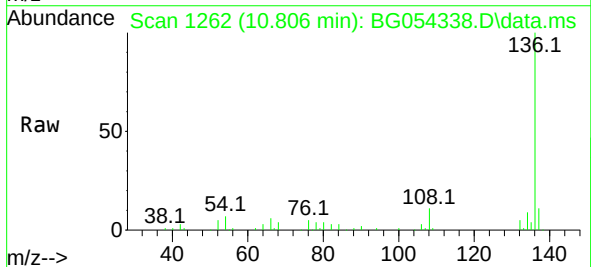
Instrument :
BNA_G
ClientSampleId :
BU-03-071922

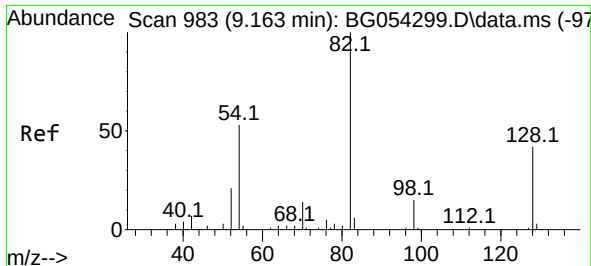
Tgt Ion: 99 Resp: 162245
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.806 min Scan# 1262
Delta R.T. -0.002 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

Tgt Ion: 136 Resp: 89209
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.9 7.4 11.2#
68 3.7 4.9 7.3#

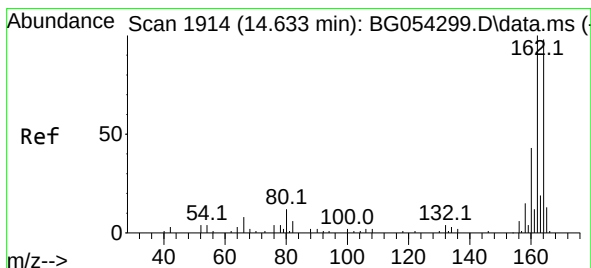
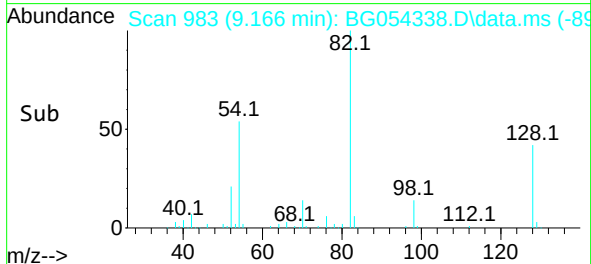
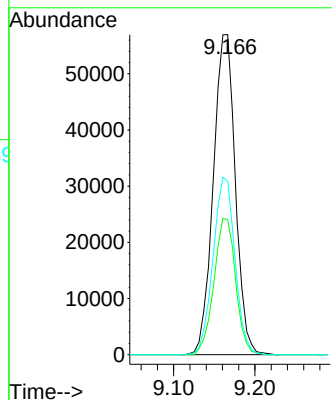
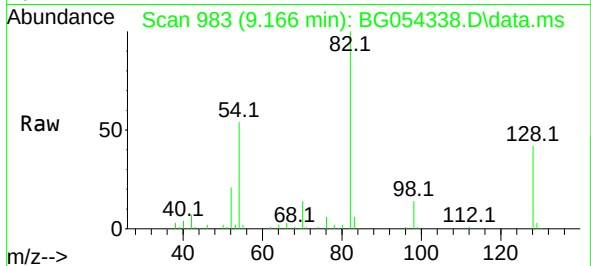




#23
 Nitrobenzene-d5
 Concen: 65.679 ng
 RT: 9.166 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: BG054338.D
 Acq: 20 Jul 2022 22:21

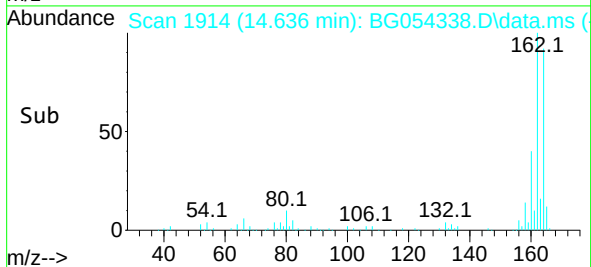
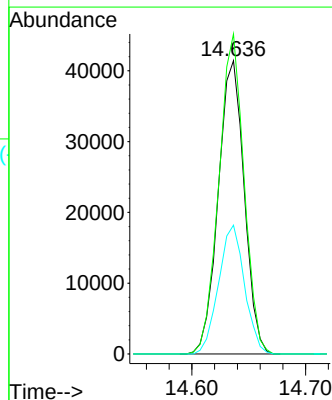
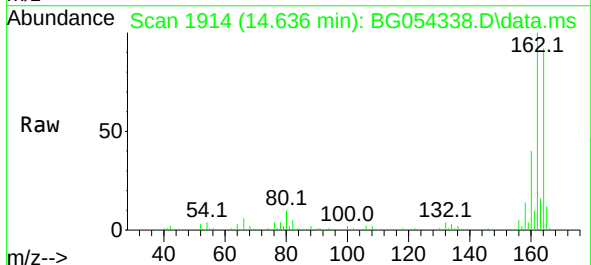
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-071922

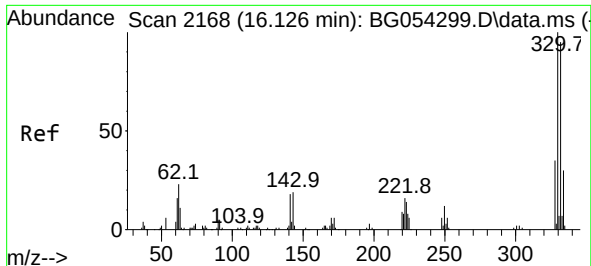
Tgt Ion: 82 Resp: 107593
 Ion Ratio Lower Upper
 82 100
 128 42.2 27.9 41.9#
 54 54.2 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.636 min Scan# 1914
 Delta R.T. 0.003 min
 Lab File: BG054338.D
 Acq: 20 Jul 2022 22:21

Tgt Ion: 164 Resp: 65573
 Ion Ratio Lower Upper
 164 100
 162 109.1 82.3 123.5
 160 43.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 99.136 ng

RT: 16.129 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG054338.D

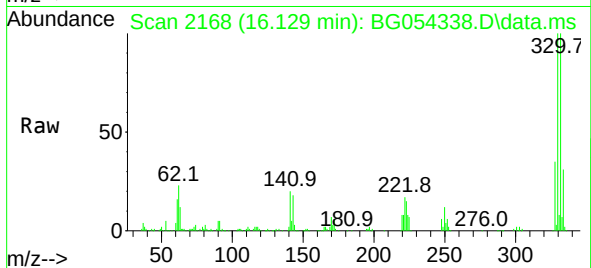
Acq: 20 Jul 2022 22:21

Instrument :

BNA_G

ClientSampleId :

BU-03-071922



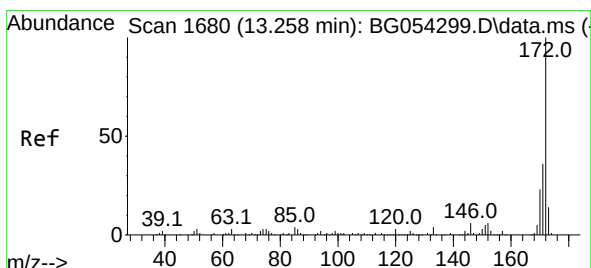
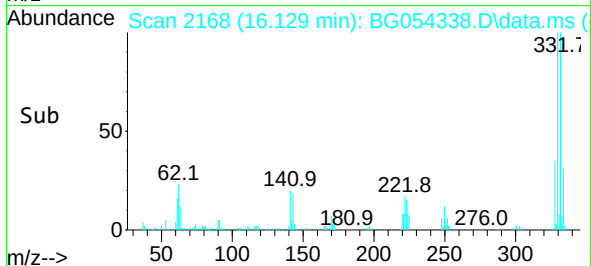
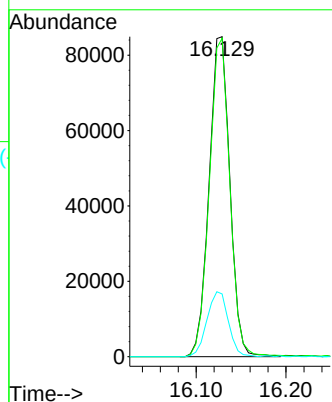
Tgt Ion:330 Resp: 136489

Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 20.8 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 69.519 ng

RT: 13.256 min Scan# 1679

Delta R.T. -0.003 min

Lab File: BG054338.D

Acq: 20 Jul 2022 22:21

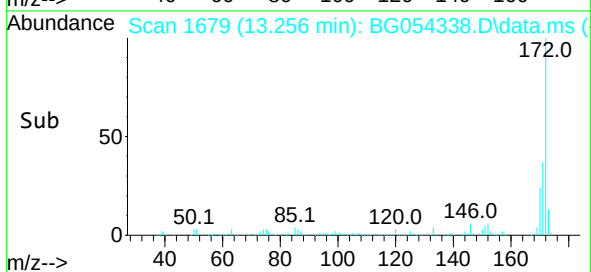
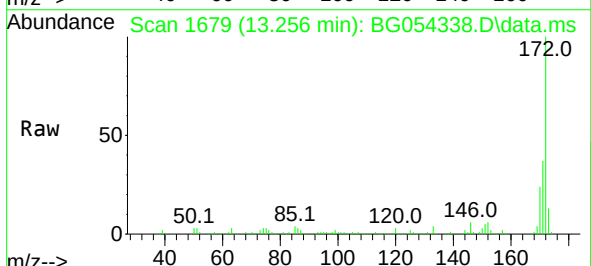
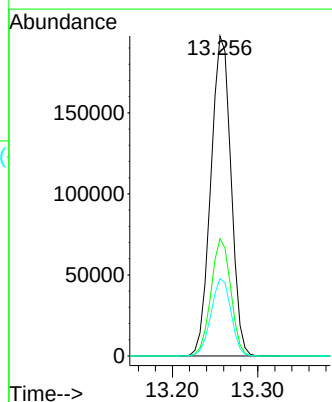
Tgt Ion:172 Resp: 323142

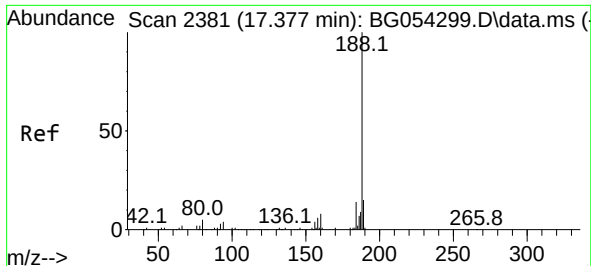
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.2 18.9 28.3

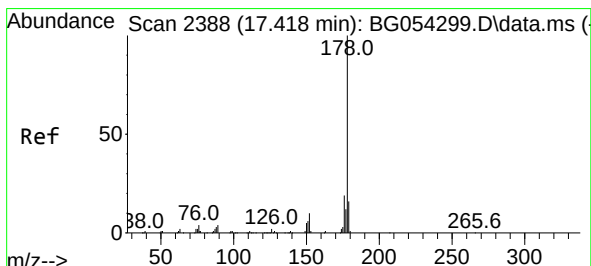
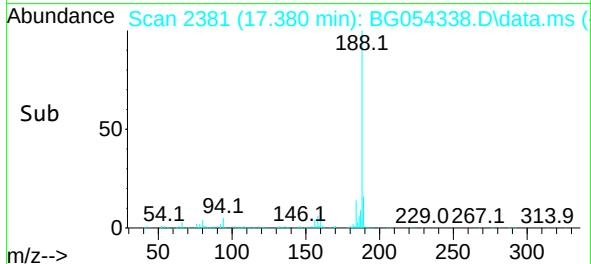
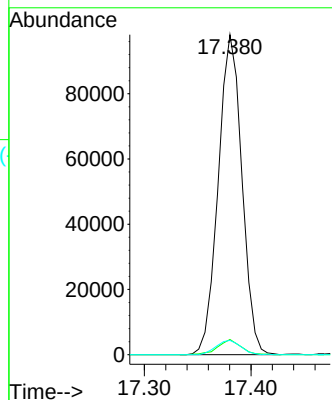
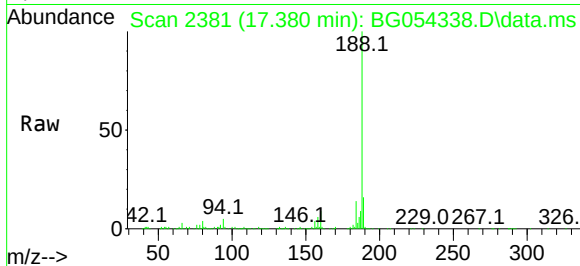




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

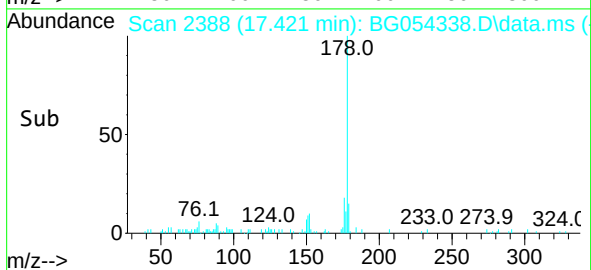
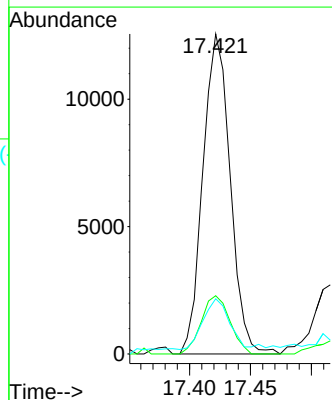
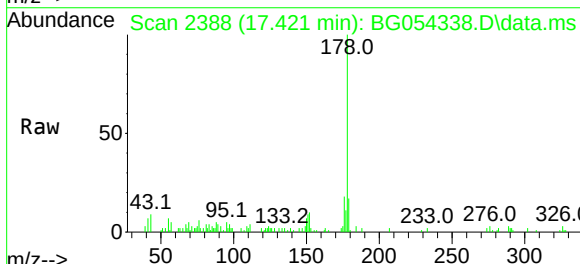
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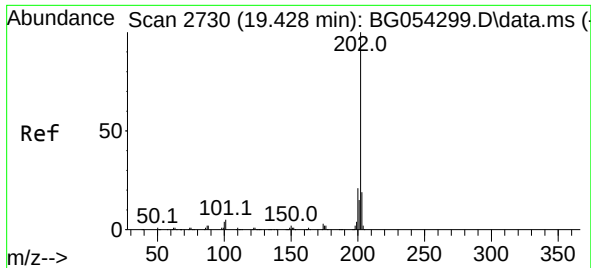
Tgt Ion:188 Resp: 151148
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 4.5 6.8 10.2#



#71
Phenanthrene
Concen: 2.602 ng
RT: 17.421 min Scan# 2388
Delta R.T. 0.003 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

Tgt Ion:178 Resp: 19584
Ion Ratio Lower Upper
178 100
176 18.2 14.1 21.1
179 17.3 12.1 18.1

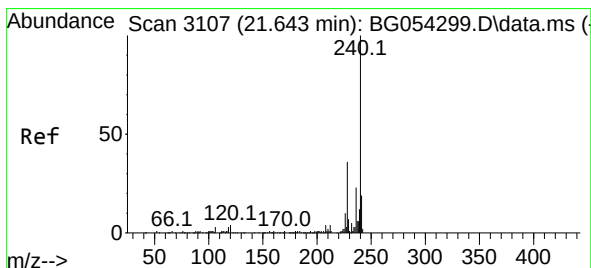
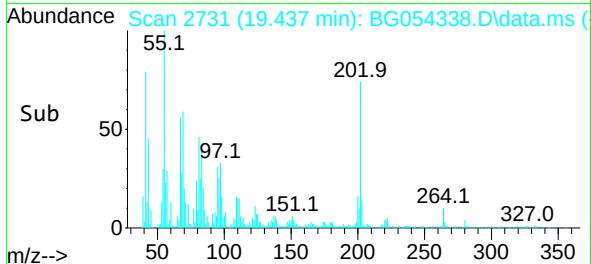
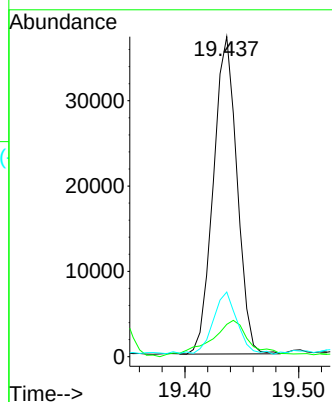
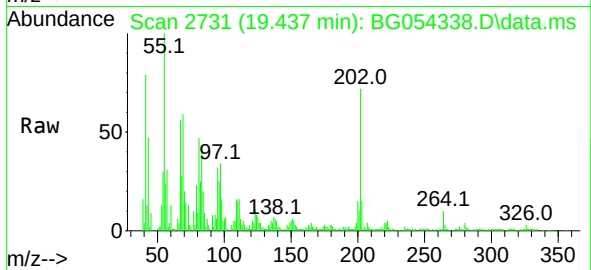




#75
Fluoranthene
Concen: 5.238 ng
RT: 19.437 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

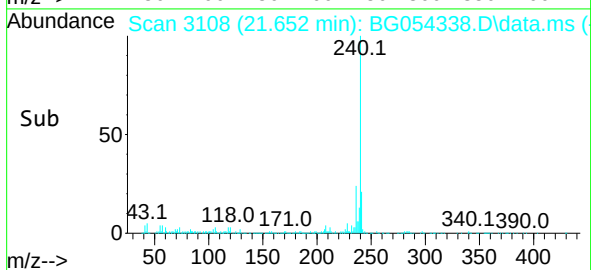
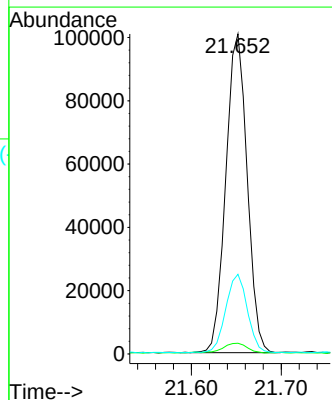
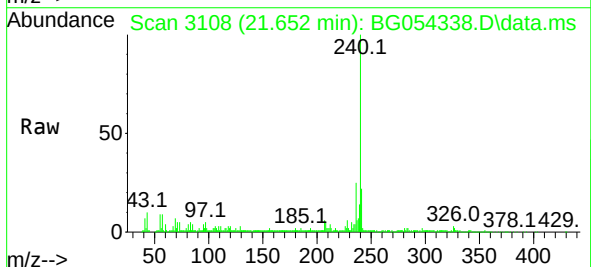
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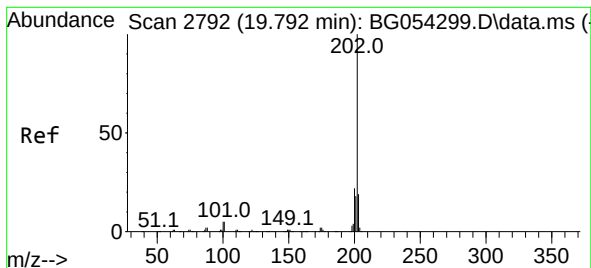
Tgt Ion:202 Resp: 53749
Ion Ratio Lower Upper
202 100
101 10.1 0.0 26.9
203 20.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.652 min Scan# 3108
Delta R.T. 0.009 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

Tgt Ion:240 Resp: 166209
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 24.9 20.2 30.4





#78

Pyrene

Concen: 5.850 ng

RT: 19.801 min Scan# 21

Delta R.T. 0.009 min

Lab File: BG054338.D

Acq: 20 Jul 2022 22:21

Instrument :

BNA_G

ClientSampleId :

BU-03-071922

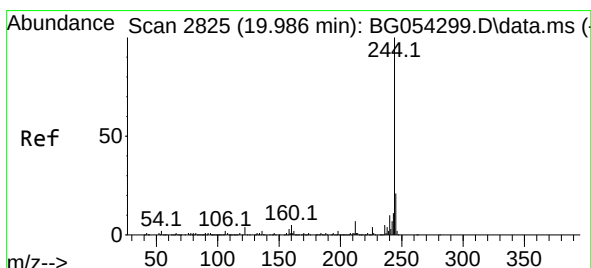
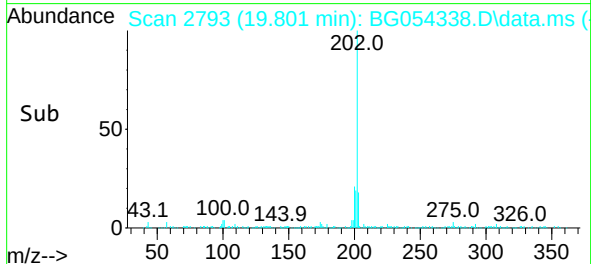
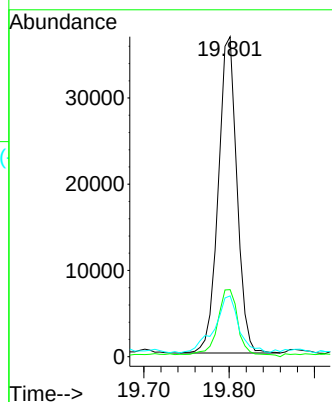
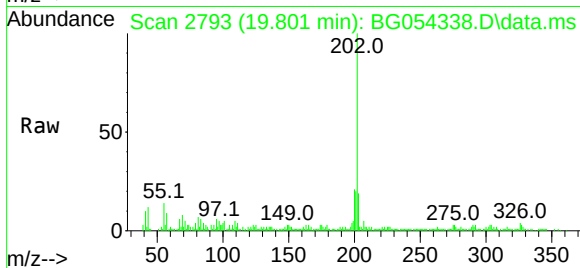
Tgt Ion:202 Resp: 55789

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 19.0 14.6 21.8



#79

Terphenyl-d14

Concen: 67.584 ng

RT: 19.995 min Scan# 2826

Delta R.T. 0.009 min

Lab File: BG054338.D

Acq: 20 Jul 2022 22:21

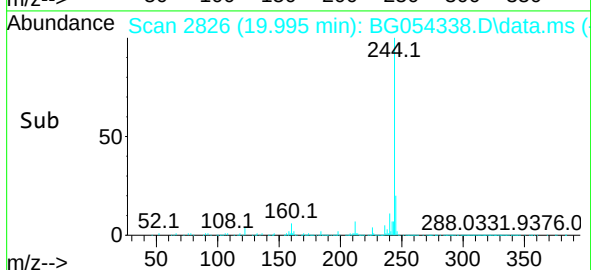
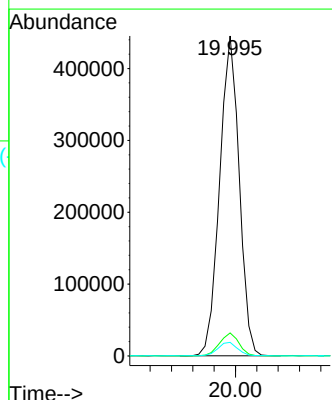
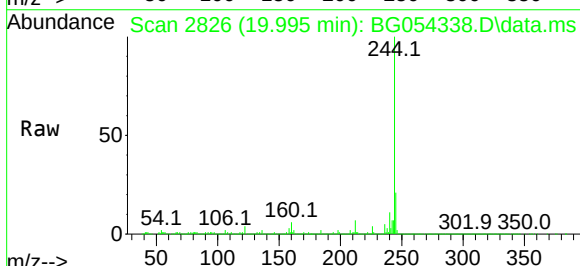
Tgt Ion:244 Resp: 566238

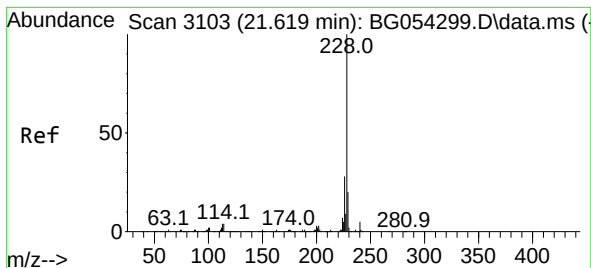
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 4.3 5.0 7.4#





#81

Benzo(a)anthracene

Concen: 3.268 ng

RT: 21.634 min Scan# 3105

Delta R.T. 0.015 min

Lab File: BG054338.D

Acq: 20 Jul 2022 22:21

Instrument :

BNA_G

ClientSampleId :

BU-03-071922

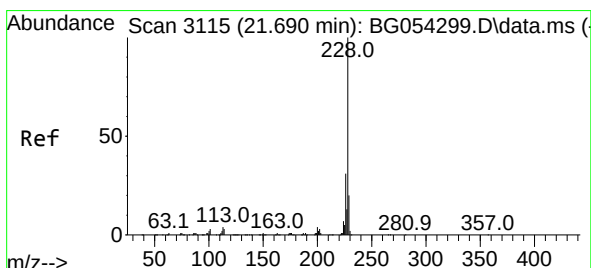
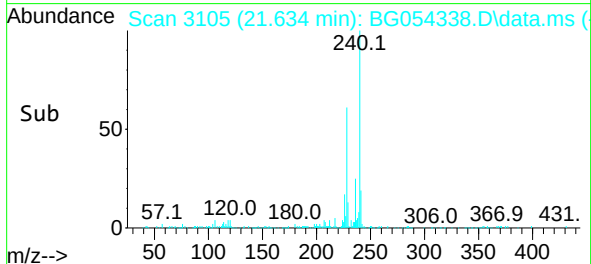
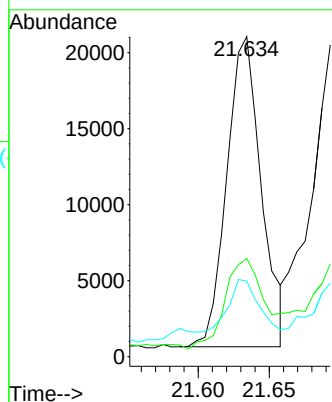
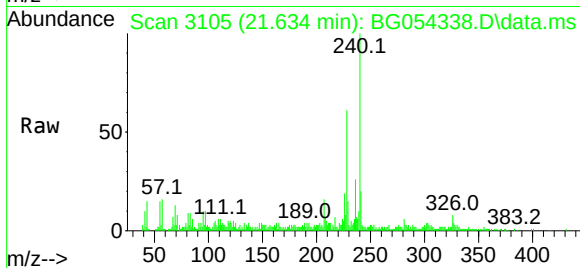
Tgt Ion:228 Resp: 34477

Ion Ratio Lower Upper

228 100

226 30.7 21.6 32.4

229 23.6 16.2 24.2



#83

Chrysene

Concen: 3.942 ng

RT: 21.693 min Scan# 3115

Delta R.T. 0.003 min

Lab File: BG054338.D

Acq: 20 Jul 2022 22:21

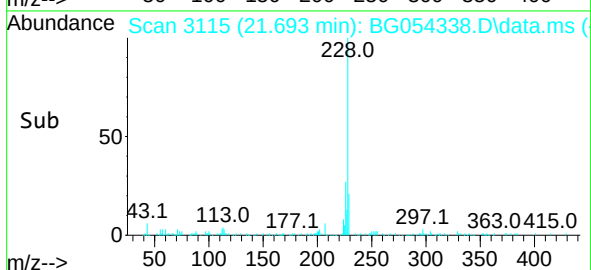
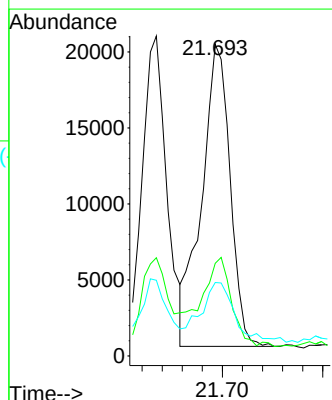
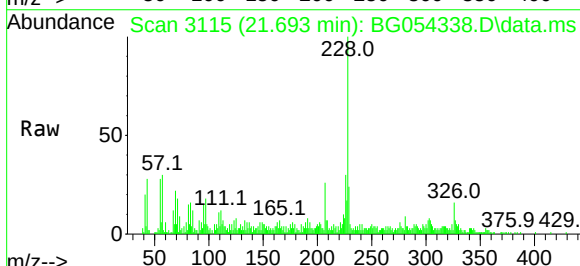
Tgt Ion:228 Resp: 39292

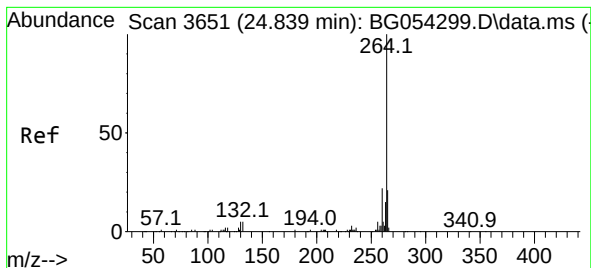
Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 23.6 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.866 min Scan# 3

Delta R.T. 0.027 min

Lab File: BG054338.D

Acq: 20 Jul 2022 22:21

Instrument :

BNA_G

ClientSampleId :

BU-03-071922

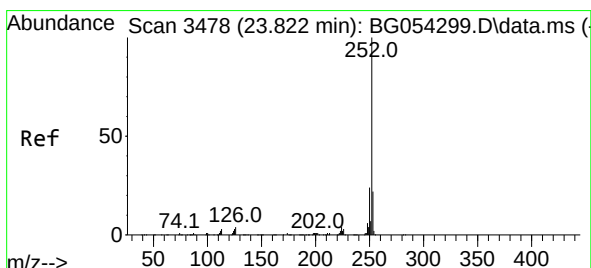
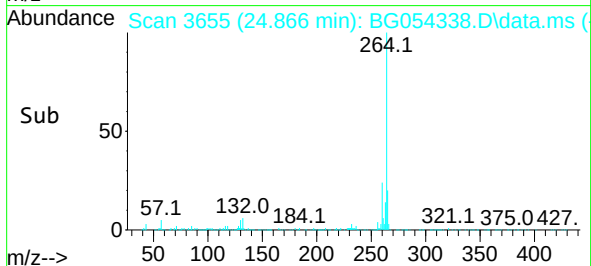
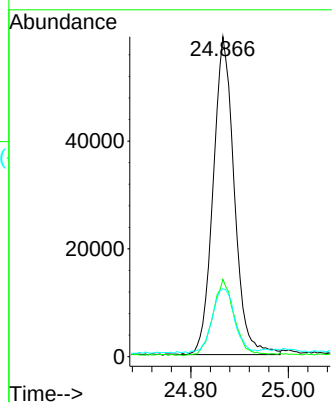
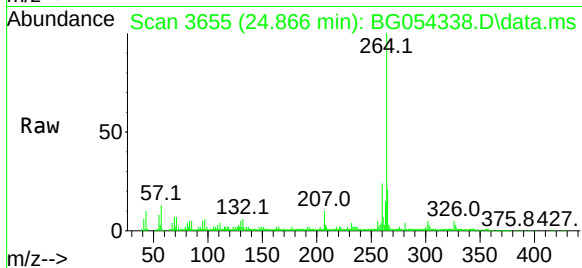
Tgt Ion:264 Resp: 177539

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.2 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 5.235 ng

RT: 23.843 min Scan# 3481

Delta R.T. 0.021 min

Lab File: BG054338.D

Acq: 20 Jul 2022 22:21

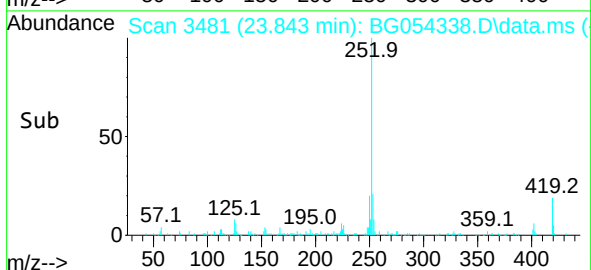
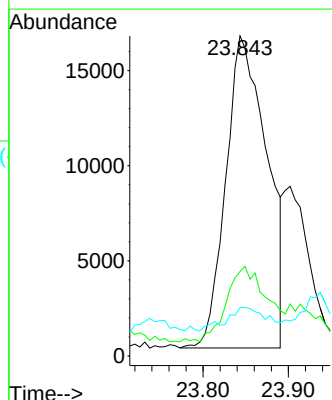
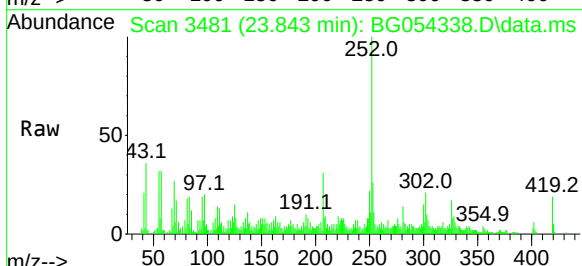
Tgt Ion:252 Resp: 54965

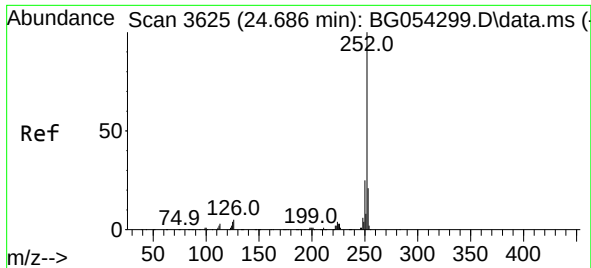
Ion Ratio Lower Upper

252 100

253 26.4 18.0 27.0

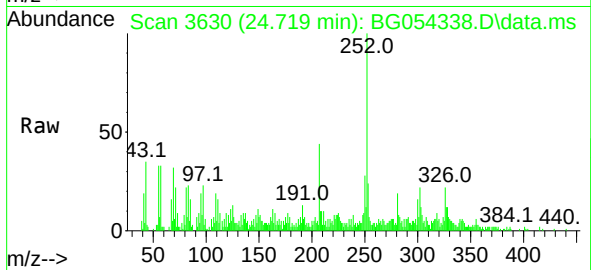
125 15.1 4.6 6.8#





#90
Benzo(a)pyrene
Concen: 4.059 ng
RT: 24.719 min Scan# 30
Delta R.T. 0.033 min
Lab File: BG054338.D
Acq: 20 Jul 2022 22:21

Instrument :
BNA_G
ClientSampleId :
BU-03-071922



Tgt Ion:252 Resp: 36393
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 13.4 4.3 6.5#

