

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052634.D
 Acq On : 10 Mar 2022 15:02
 Operator : CG/JU
 Sample : N1845-11 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-11

Quant Time: Mar 11 03:44:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

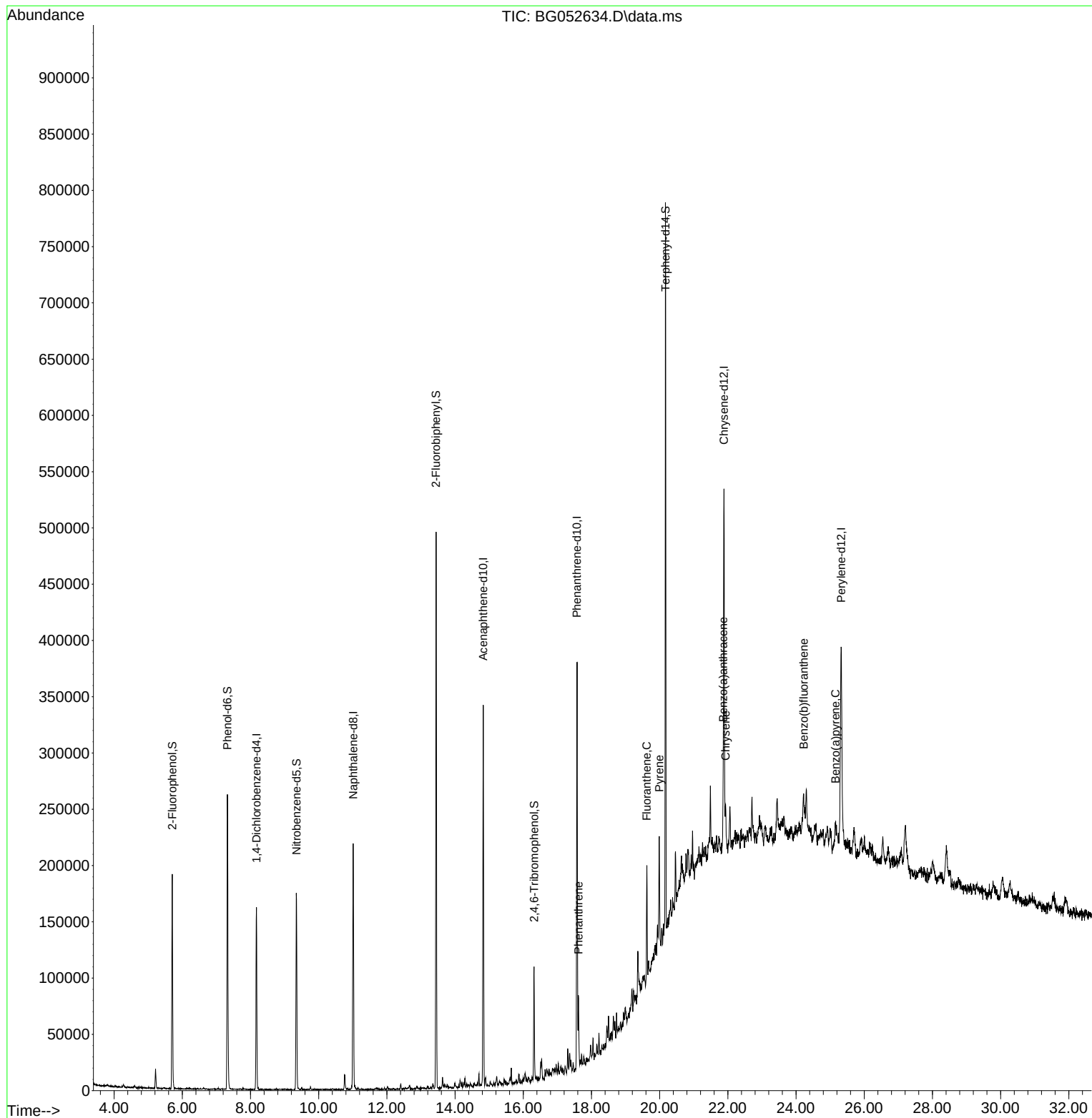
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	48822	20.000	ng	0.00
21) Naphthalene-d8	11.013	136	190385	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	118499	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	234880	20.000	ng	0.00
76) Chrysene-d12	21.886	240	201298	20.000	ng	0.00
86) Perylene-d12	25.323	264	200239	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	88308	31.247	ng	0.00
7) Phenol-d6	7.323	99	161888	39.579	ng	0.00
23) Nitrobenzene-d5	9.350	82	115641	27.535	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	21136	12.576	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	261869	29.828	ng	0.00
79) Terphenyl-d14	20.171	244	332671	29.244	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.621	178	38077	3.090	ng	97
75) Fluoranthene	19.624	202	64171	4.170	ng	98
78) Pyrene	19.989	202	60565	4.501	ng	96
81) Benzo(a)anthracene	21.863	228	29489	2.187	ng	# 90
83) Chrysene	21.933	228	33417	2.650	ng	# 95
88) Benzo(b)fluoranthene	24.224	252	36552	2.957	ng	# 73
90) Benzo(a)pyrene	25.158	252	24162	2.310	ng	# 89

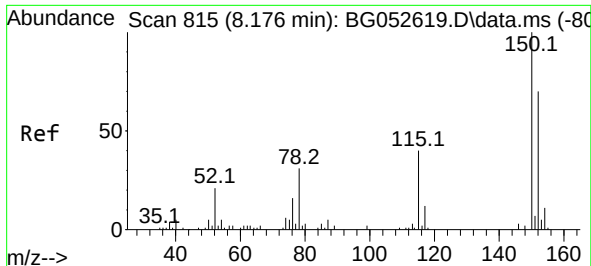
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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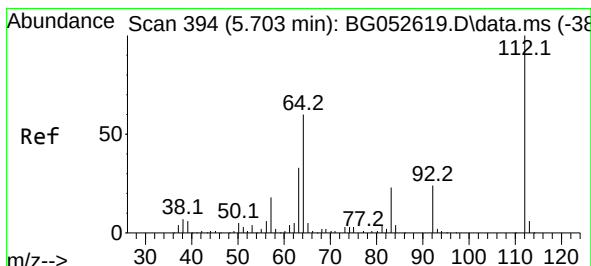
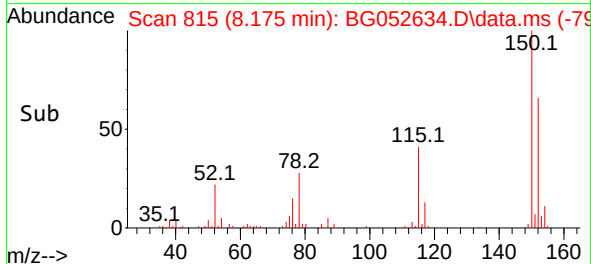
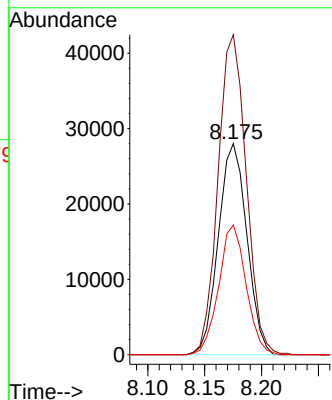
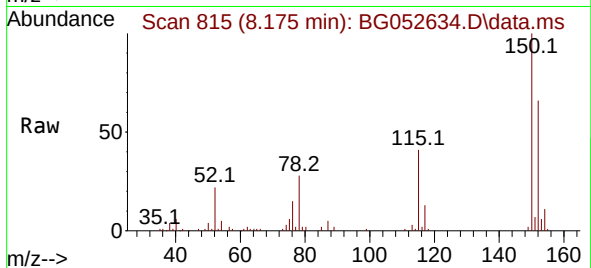




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.175 min Scan# 815
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

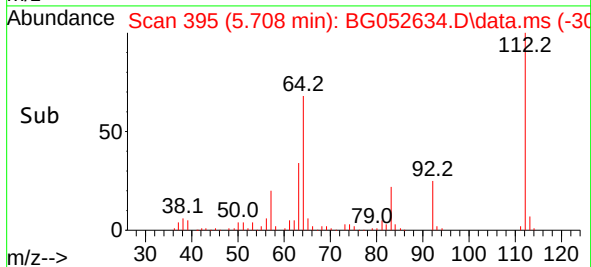
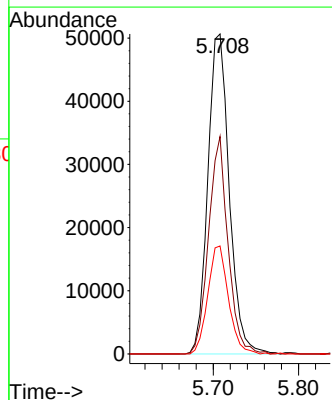
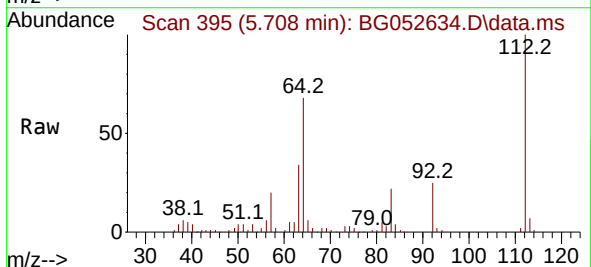
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

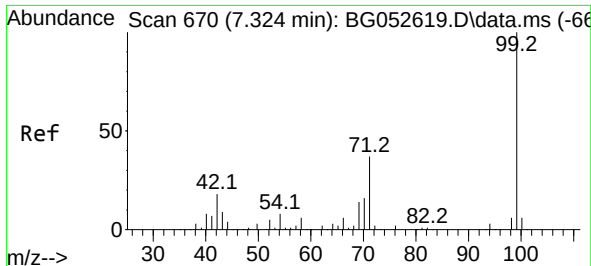
Tgt Ion:152 Resp: 48822
Ion Ratio Lower Upper
152 100
150 151.6 114.6 172.0
115 61.5 45.9 68.9



#5
2-Fluorophenol
Concen: 31.247 ng
RT: 5.708 min Scan# 395
Delta R.T. 0.005 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

Tgt Ion:112 Resp: 88308
Ion Ratio Lower Upper
112 100
64 68.0 48.0 72.0
63 33.8 26.5 39.7

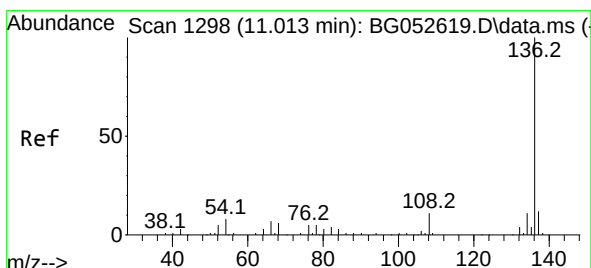
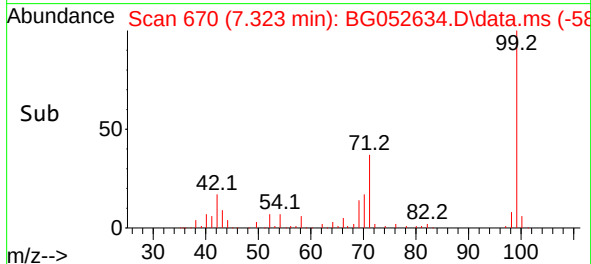
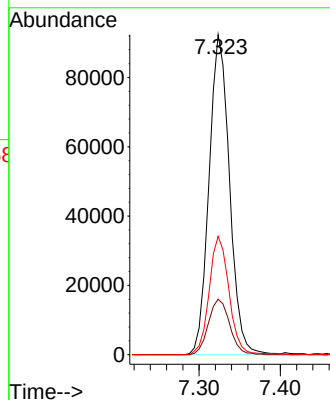
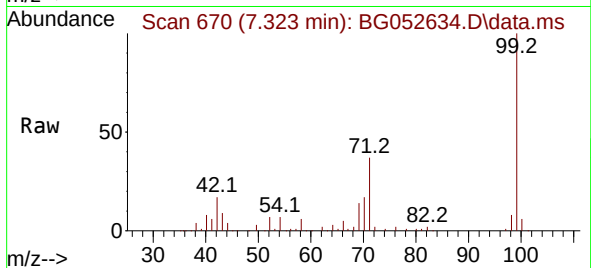




#7
Phenol-d6
Concen: 39.579 ng
RT: 7.323 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

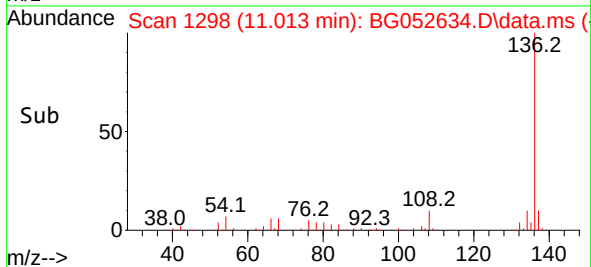
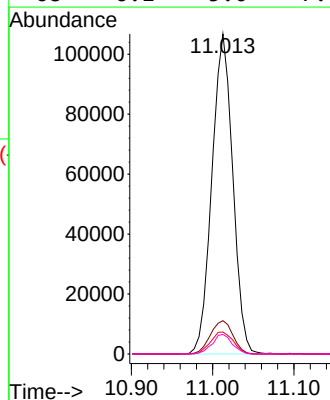
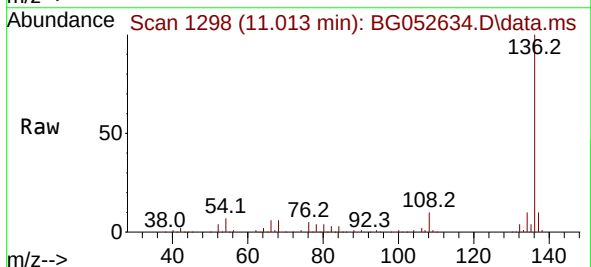
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

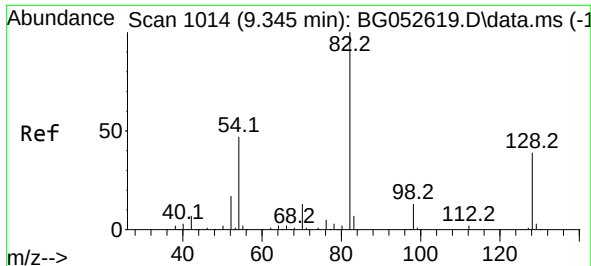
Tgt Ion: 99 Resp: 161888
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 37.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.013 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

Tgt Ion: 136 Resp: 190385
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.2
54 6.8 6.4 9.6
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 27.535 ng

RT: 9.350 min Scan# 1014

Delta R.T. 0.005 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

Instrument :

BNA_G

ClientSampleId :

SAMPLE-11

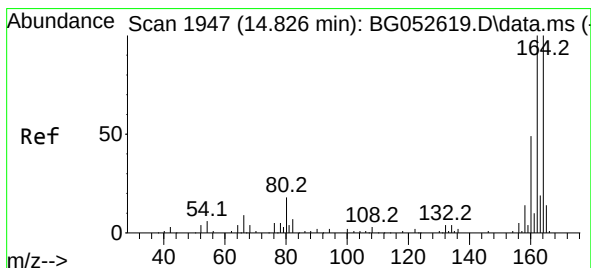
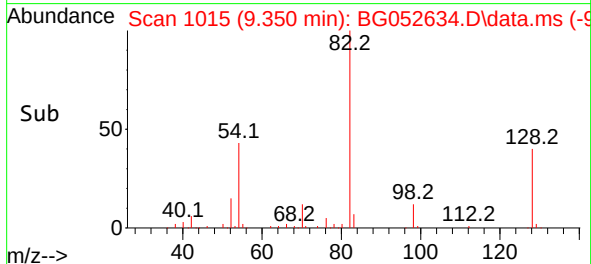
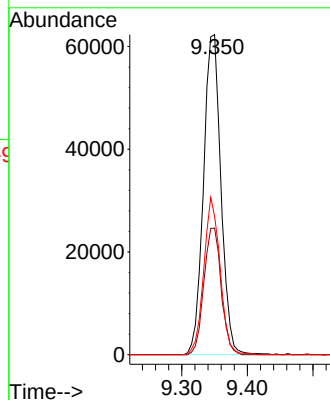
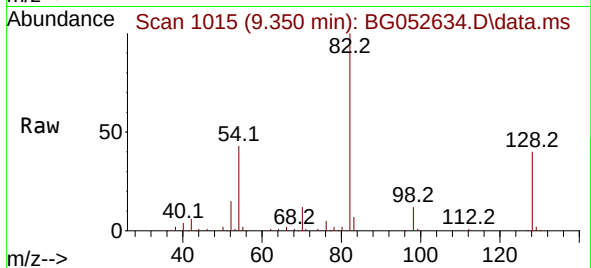
Tgt Ion: 82 Resp: 115641

Ion Ratio Lower Upper

82 100

128 39.5 31.3 46.9

54 43.3 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.825 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

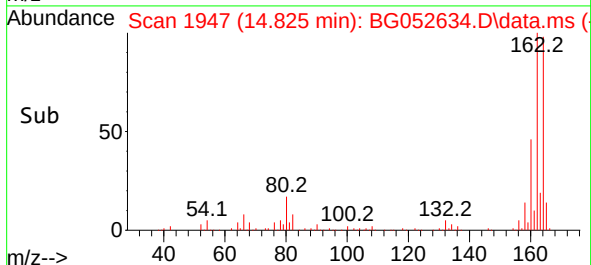
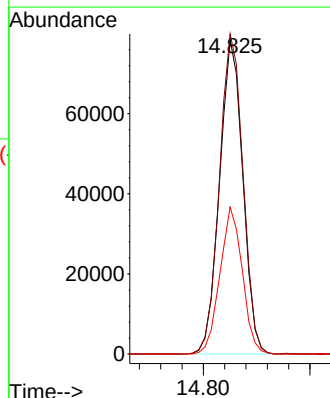
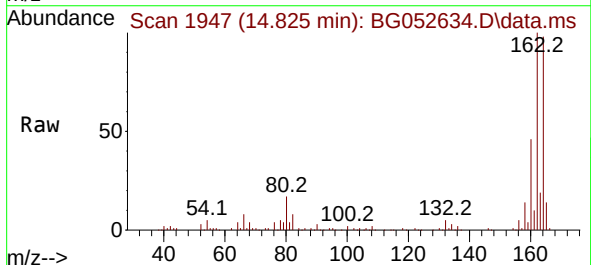
Tgt Ion:164 Resp: 118499

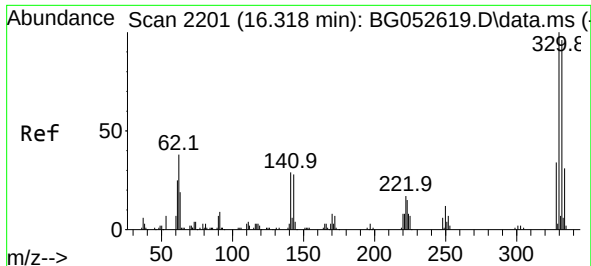
Ion Ratio Lower Upper

164 100

162 101.8 80.0 120.0

160 46.7 38.8 58.2

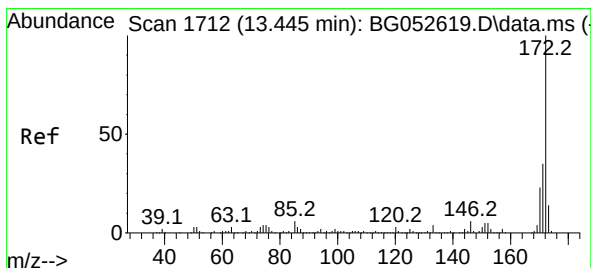
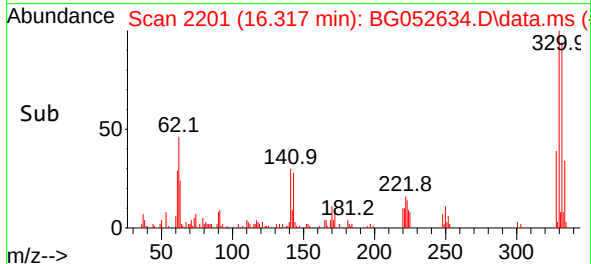
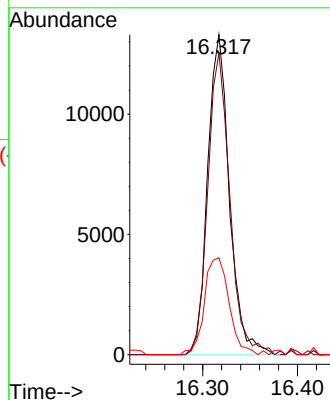
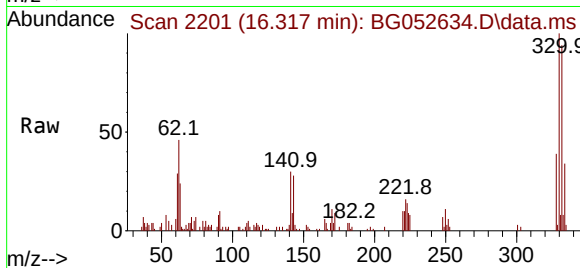




#42
2,4,6-Tribromophenol
Concen: 12.576 ng
RT: 16.317 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

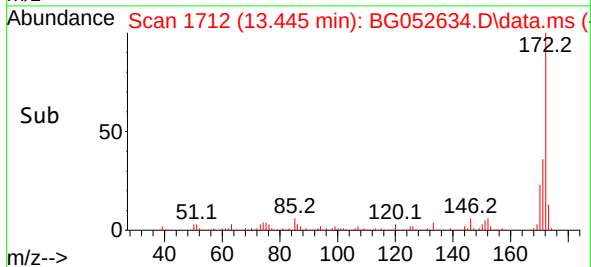
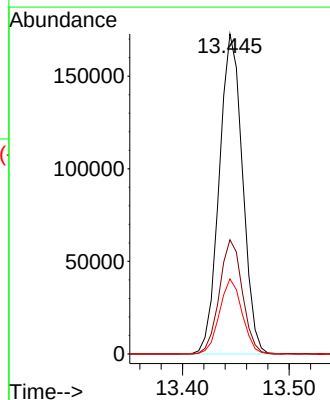
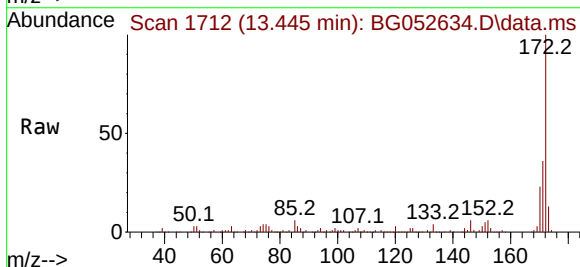
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

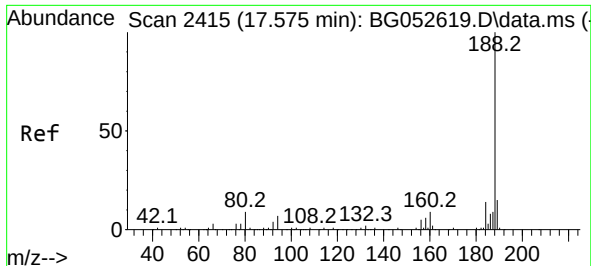
Tgt Ion:330 Resp: 21136
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.6
141 34.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 29.828 ng
RT: 13.445 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

Tgt Ion:172 Resp: 261869
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 18.0 27.0

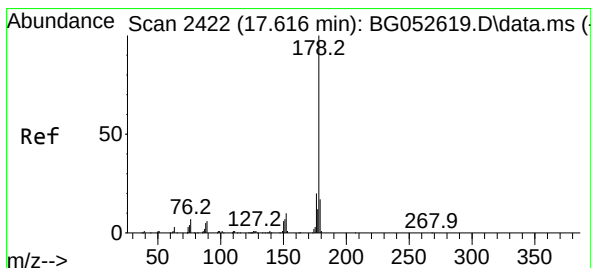
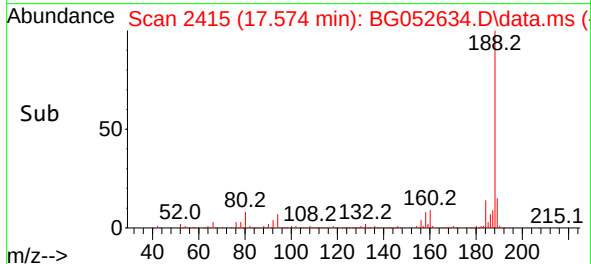
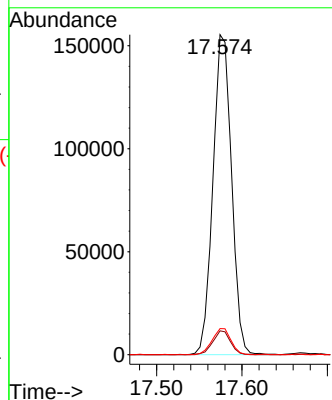
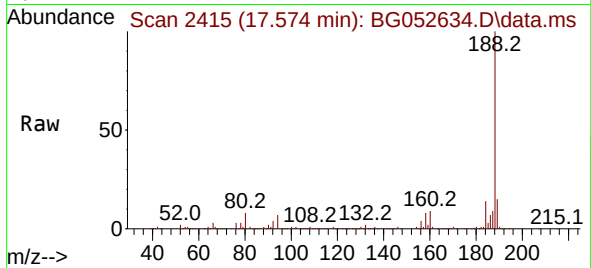




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

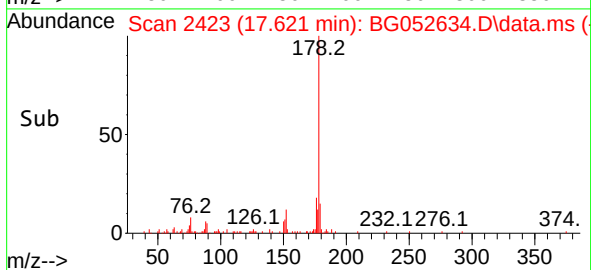
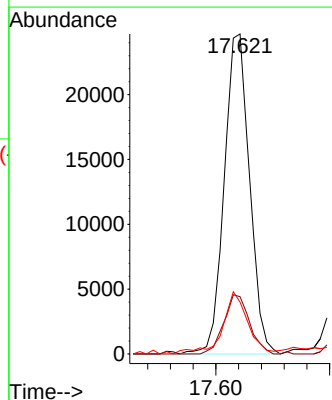
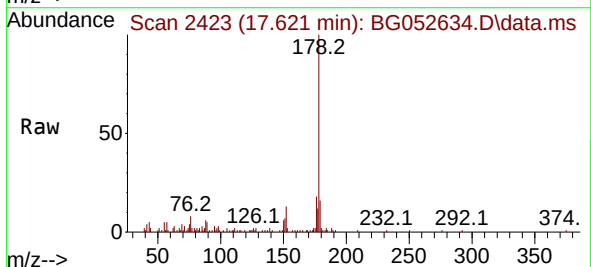
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

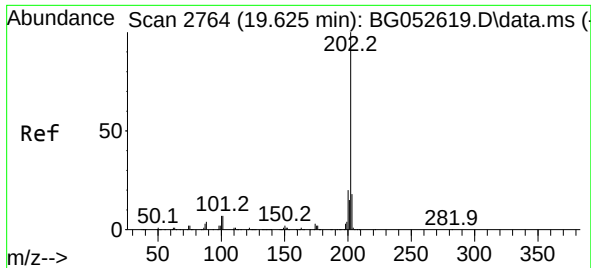
Tgt Ion:188 Resp: 234880
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.2 7.2 10.8



#71
Phenanthrene
Concen: 3.090 ng
RT: 17.621 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

Tgt Ion:178 Resp: 38077
Ion Ratio Lower Upper
178 100
176 17.9 15.9 23.9
179 16.2 13.4 20.2

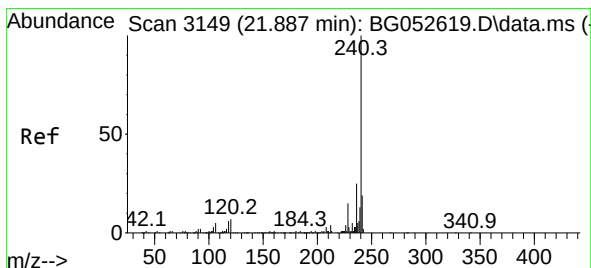
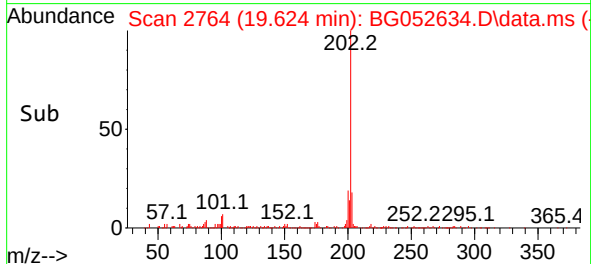
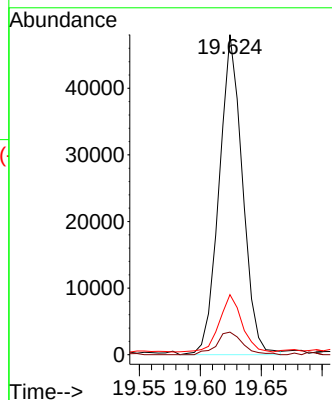
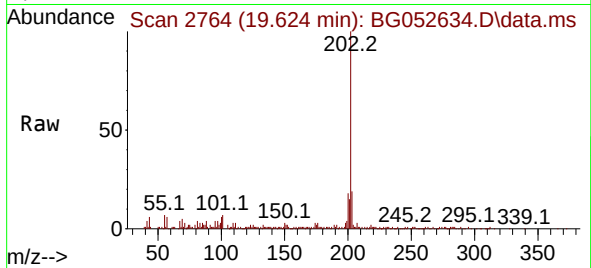




#75
Fluoranthene
Concen: 4.170 ng
RT: 19.624 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

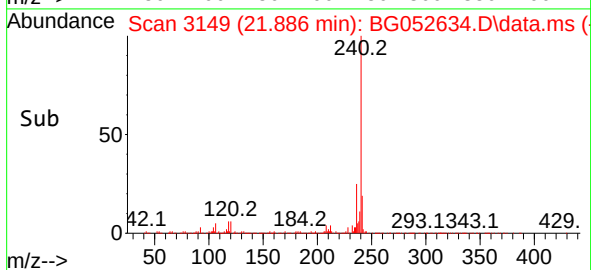
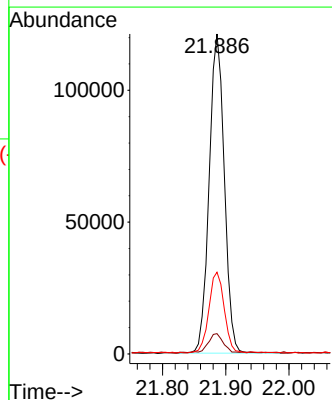
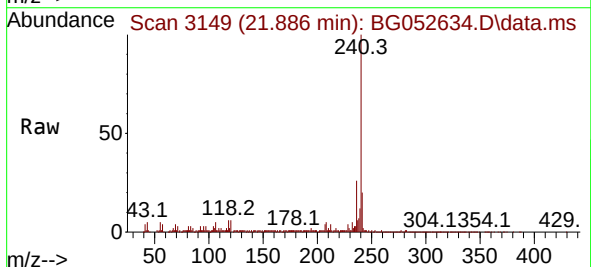
Instrument :
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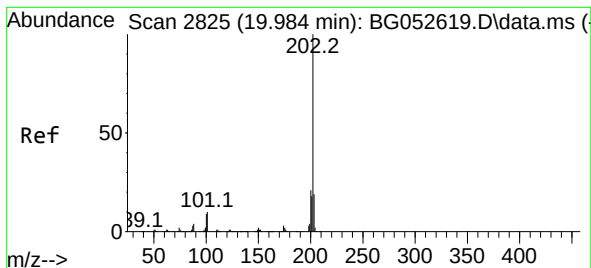
Tgt Ion:202 Resp: 64171
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 18.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

Tgt Ion:240 Resp: 201298
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.5 19.8 29.6





#78

Pyrene

Concen: 4.501 ng

RT: 19.989 min Scan# 2826

Delta R.T. 0.005 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

Instrument :

BNA_G

ClientSampleId :

SAMPLE-11

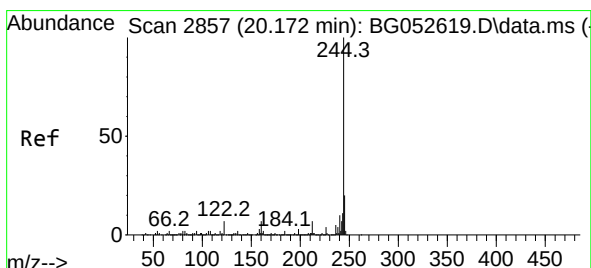
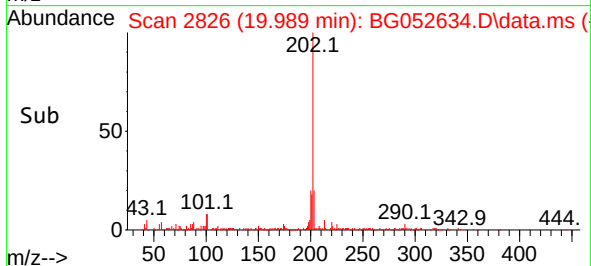
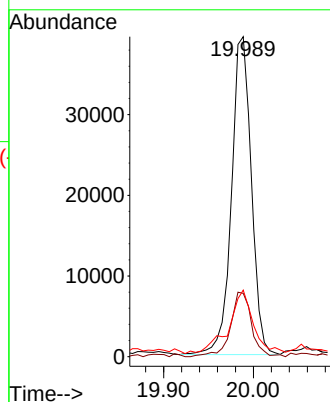
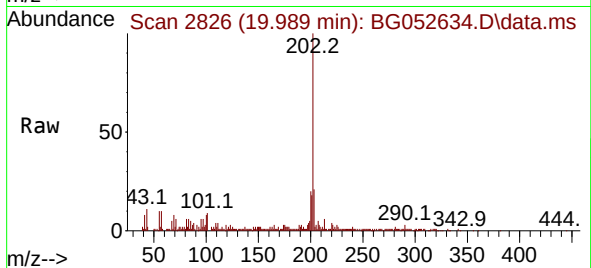
Tgt Ion:202 Resp: 60565

Ion Ratio Lower Upper

202 100

200 19.8 17.0 25.6

203 20.8 15.0 22.6



#79

Terphenyl-d14

Concen: 29.244 ng

RT: 20.171 min Scan# 2857

Delta R.T. -0.001 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

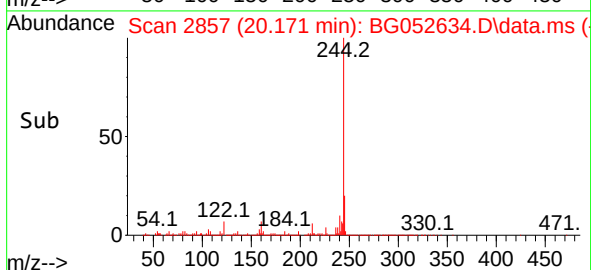
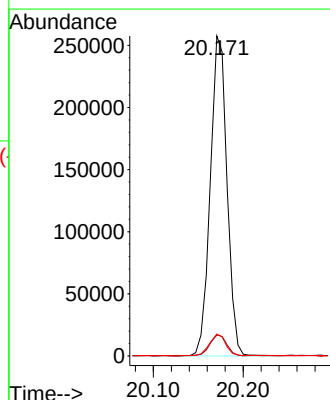
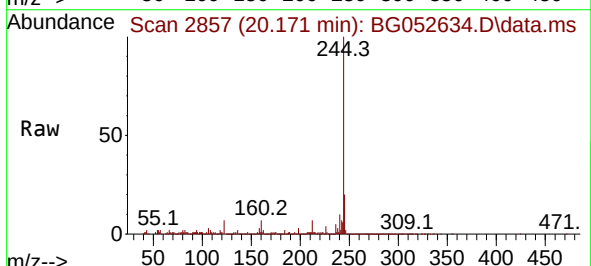
Tgt Ion:244 Resp: 332671

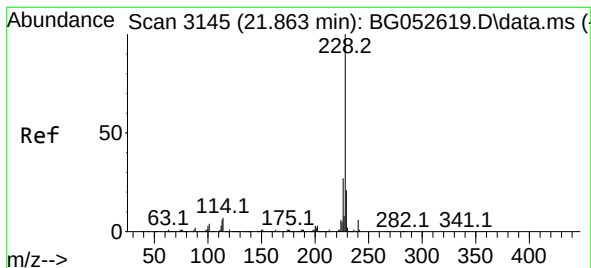
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 6.9 5.8 8.6





#81

Benzo(a)anthracene

Concen: 2.187 ng

RT: 21.863 min Scan# 3145

Delta R.T. -0.001 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

Instrument :

BNA_G

ClientSampleId :

SAMPLE-11

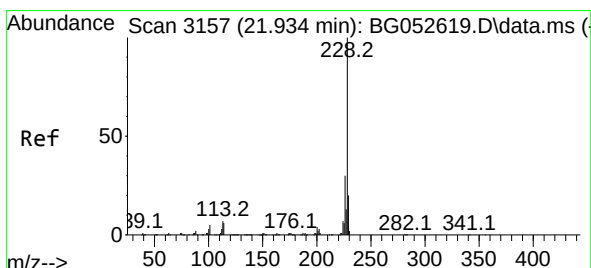
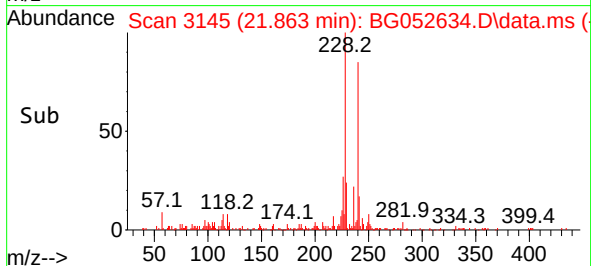
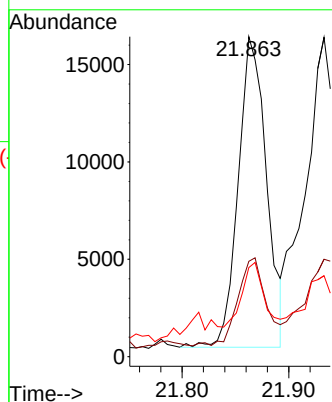
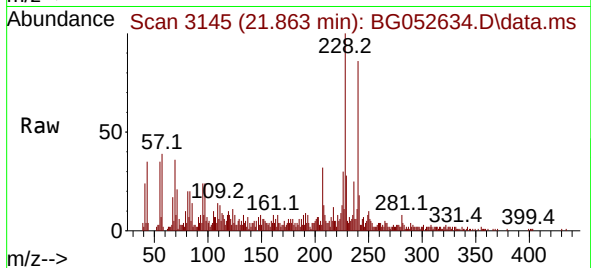
Tgt Ion:228 Resp: 29489

Ion Ratio Lower Upper

228 100

226 29.8 21.4 32.0

229 27.8 16.7 25.1#



#83

Chrysene

Concen: 2.650 ng

RT: 21.933 min Scan# 3157

Delta R.T. -0.001 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

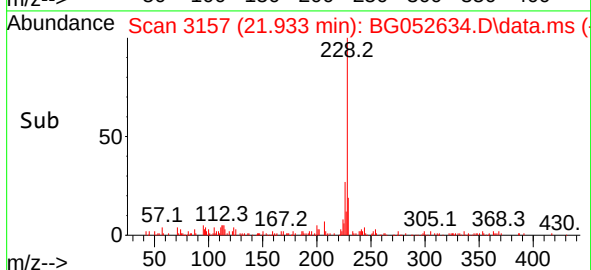
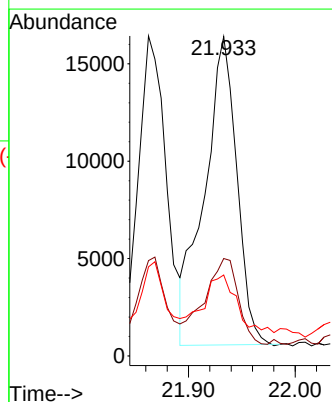
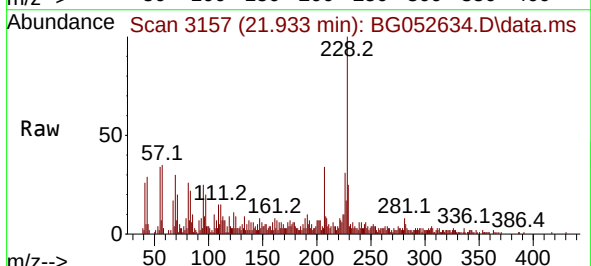
Tgt Ion:228 Resp: 33417

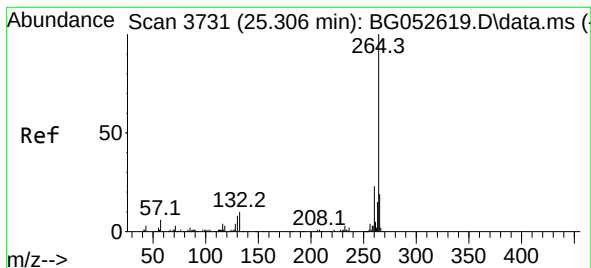
Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 25.4 16.3 24.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.323 min Scan# 31

Delta R.T. 0.017 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

Instrument :

BNA_G

ClientSampleId :

SAMPLE-11

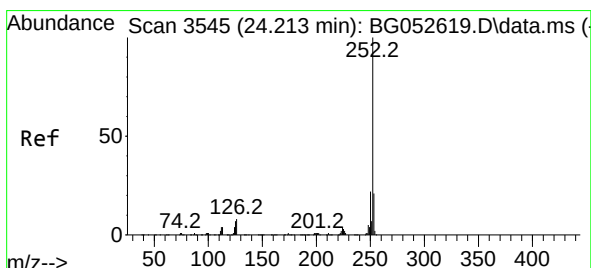
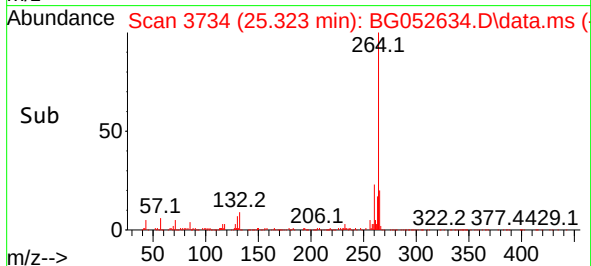
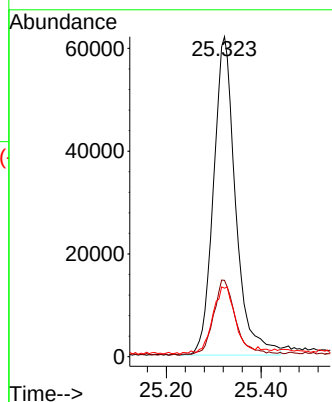
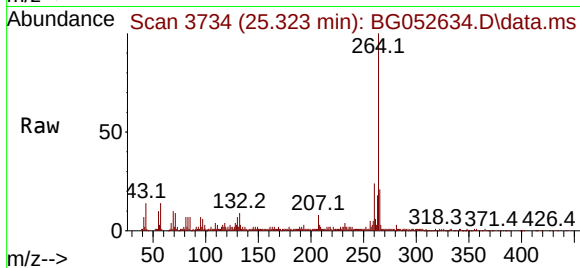
Tgt Ion:264 Resp: 200239

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.4 15.1 22.7



#88

Benzo(b)fluoranthene

Concen: 2.957 ng

RT: 24.224 min Scan# 3547

Delta R.T. 0.011 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

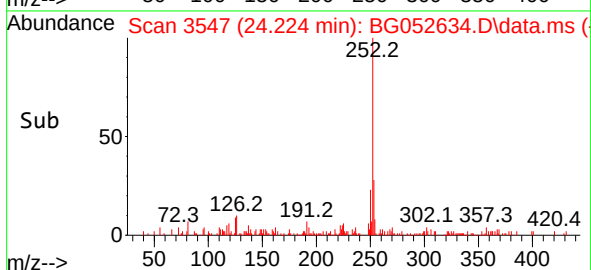
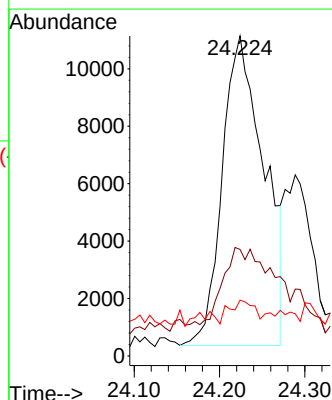
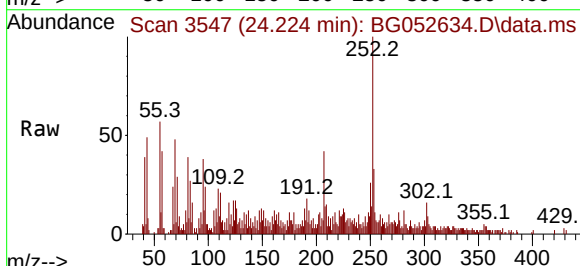
Tgt Ion:252 Resp: 36552

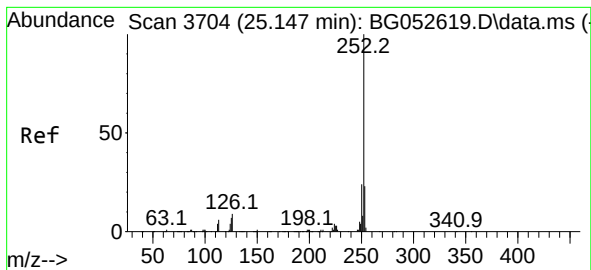
Ion Ratio Lower Upper

252 100

253 33.3 17.2 25.8#

125 17.5 5.2 7.8#





#90
 Benzo(a)pyrene
 Concen: 2.310 ng
 RT: 25.158 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BG052634.D
 Acq: 10 Mar 2022 15:02

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-11

Tgt Ion:	252	Resp:	24162
Ion Ratio	Lower	Upper	
252	100		
253	25.7	18.4	27.6
125	17.0	5.6	8.4#

