

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
 Data File : BG052654.D
 Acq On : 11 Mar 2022 19:32
 Operator : CG/JU
 Sample : N1845-08 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-8

Quant Time: Mar 12 06:17:07 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)

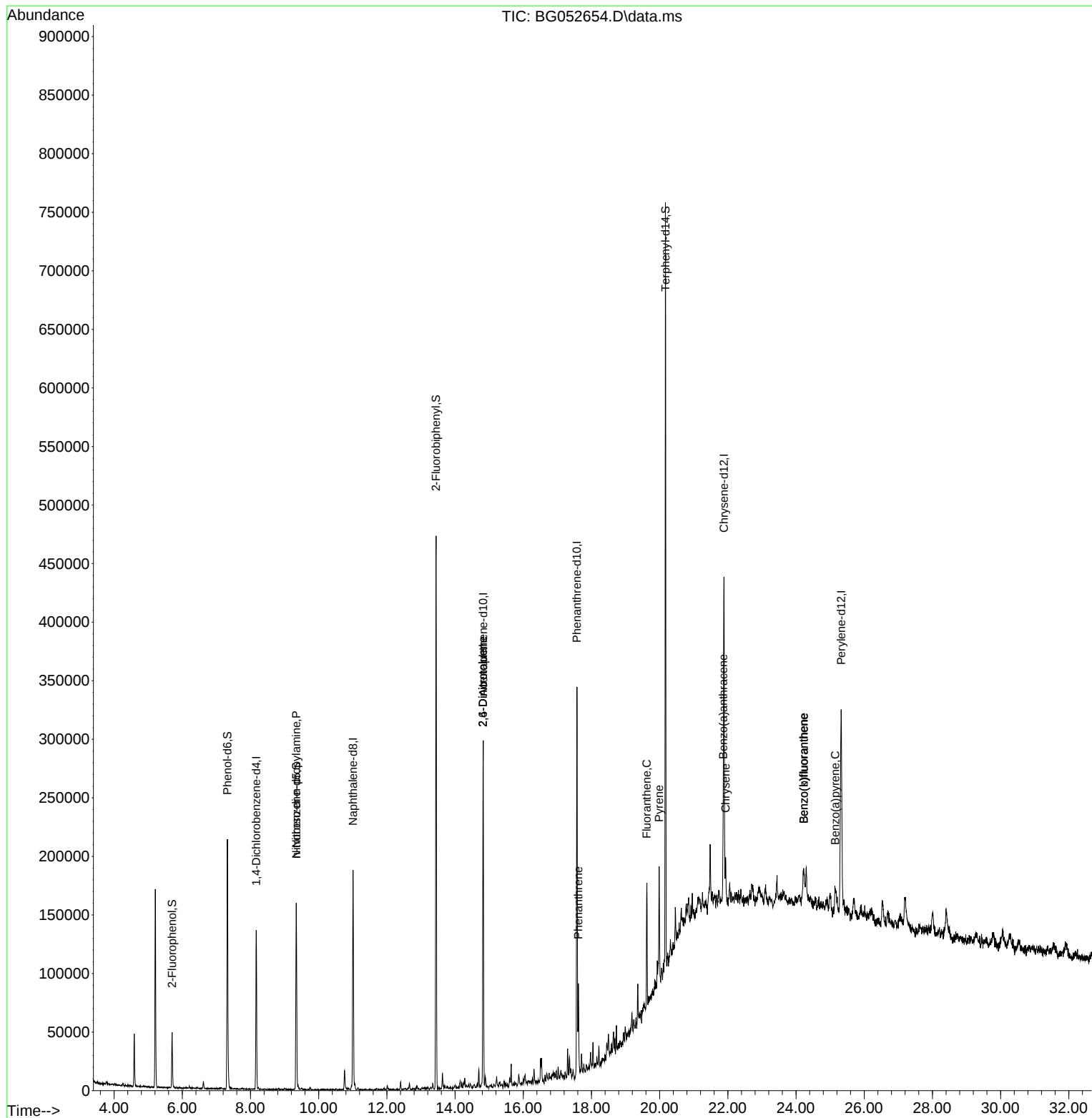
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	40020	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	161307	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	106663	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	210572	20.000	ng	0.00
76) Chrysene-d12	21.886	240	176924	20.000	ng	0.00
86) Perylene-d12	25.323	264	187531	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	22144	9.559	ng	0.00
7) Phenol-d6	7.323	99	132640	39.561	ng	0.00
23) Nitrobenzene-d5	9.344	82	107308	30.157	ng	0.00
42) 2,4,6-Tribromophenol	16.311	330	2294	1.516	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	263867	33.391	ng	0.00
79) Terphenyl-d14	20.171	244	342494	34.255	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.344	70	15621	6.885	ng	# 73
51) 2,6-Dinitrotoluene	14.819	165	14758	8.334	ng	# 24
57) 2,4-Dinitrotoluene	14.819	165	14758	5.921	ng	# 22
71) Phenanthrene	17.615	178	47328	4.284	ng	97
75) Fluoranthene	19.624	202	71764	5.202	ng	100
78) Pyrene	19.983	202	60630	5.127	ng	96
81) Benzo(a)anthracene	21.862	228	29338	2.475	ng	# 94
83) Chrysene	21.933	228	28705	2.590	ng	# 93
88) Benzo(b)fluoranthene	24.224	252	35667	3.080	ng	# 88
89) Benzo(k)fluoranthene	24.224	252	35667	3.063	ng	# 88
90) Benzo(a)pyrene	25.152	252	27055	2.762	ng	# 86

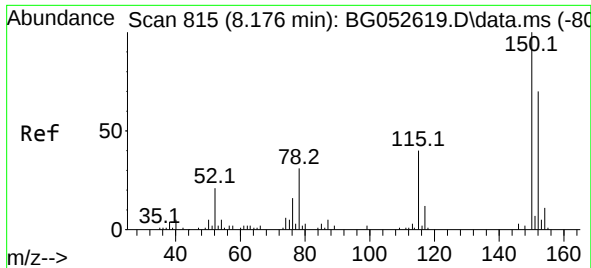
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
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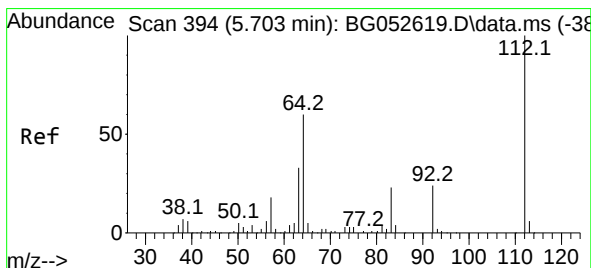
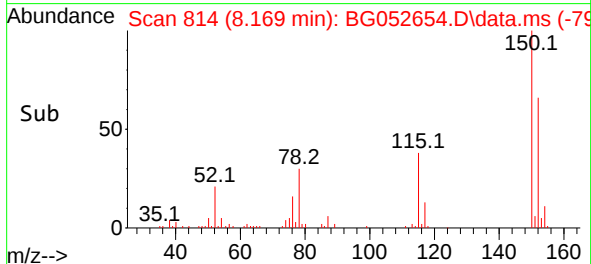
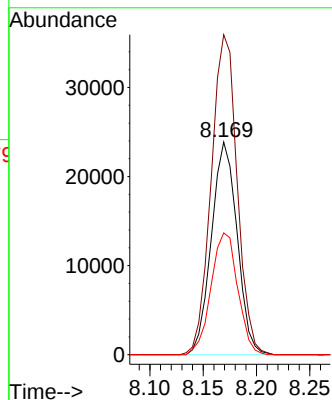
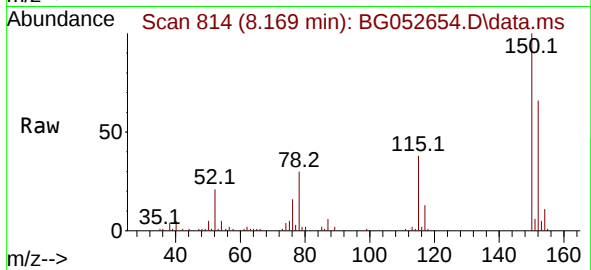




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 815
Delta R.T. -0.007 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

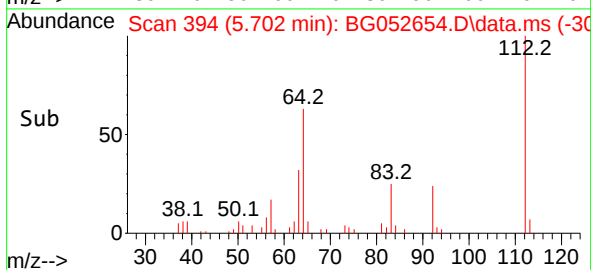
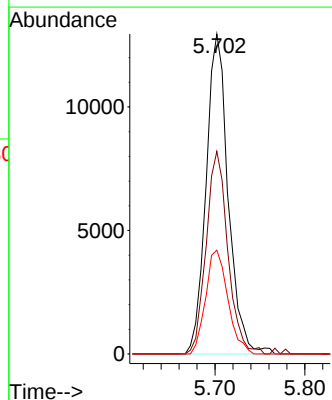
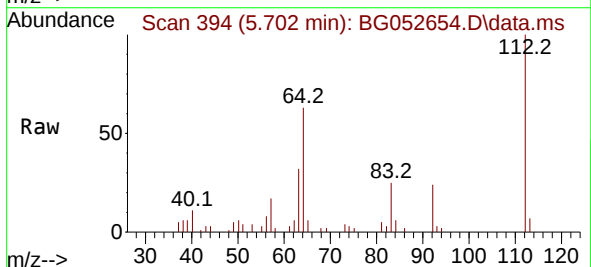
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

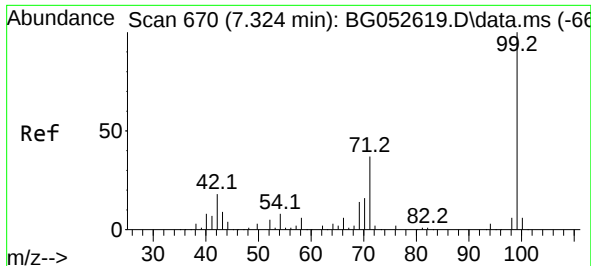
Tgt Ion:152 Resp: 40020
Ion Ratio Lower Upper
152 100
150 150.5 114.6 172.0
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 9.559 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:112 Resp: 22144
Ion Ratio Lower Upper
112 100
64 63.3 48.0 72.0
63 32.5 26.5 39.7

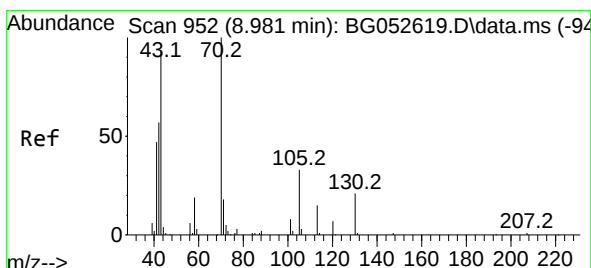
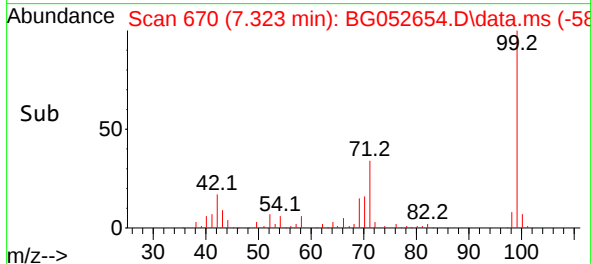
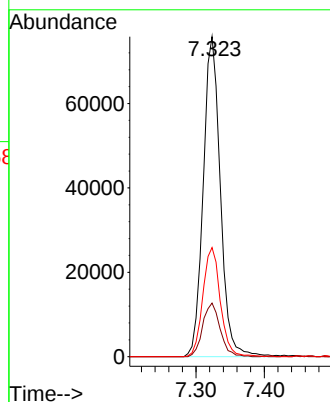
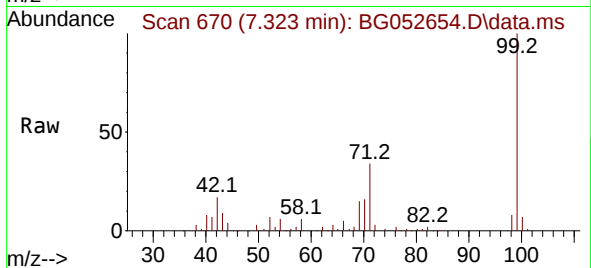




#7
Phenol-d6
Concen: 39.561 ng
RT: 7.323 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

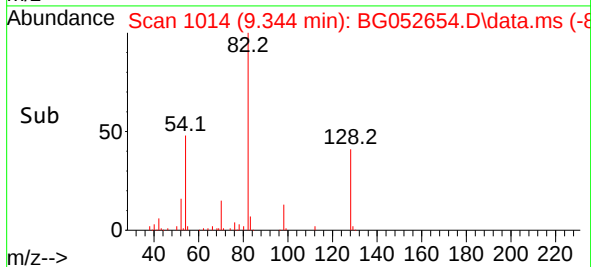
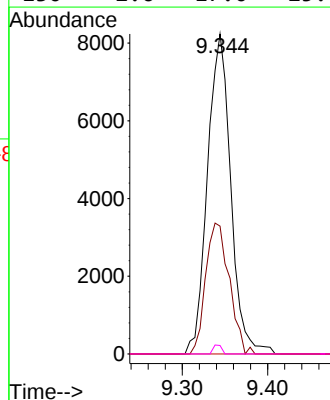
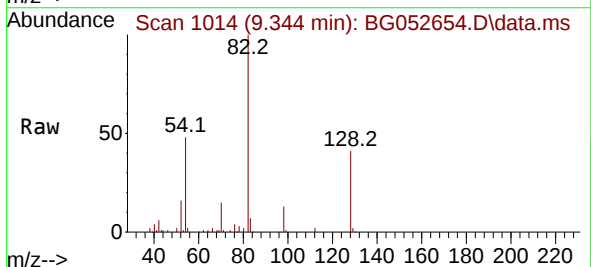
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

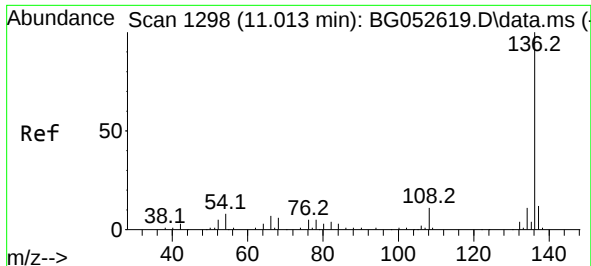
Tgt Ion: 99 Resp: 132640
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 34.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 6.885 ng
RT: 9.344 min Scan# 1014
Delta R.T. 0.363 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion: 70 Resp: 15621
Ion Ratio Lower Upper
70 100
42 39.9 46.0 69.0#
101 0.0 6.2 9.4#
130 2.6 17.0 25.4#

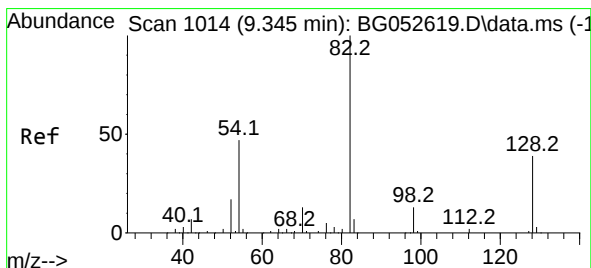
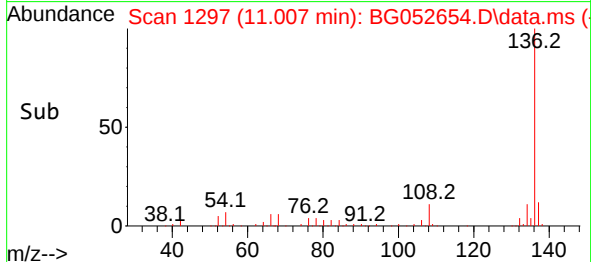
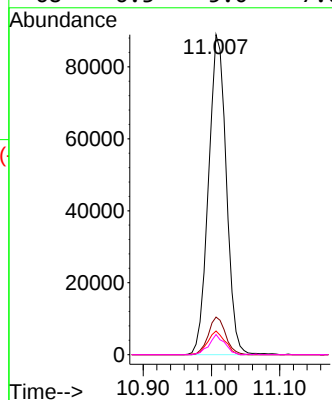
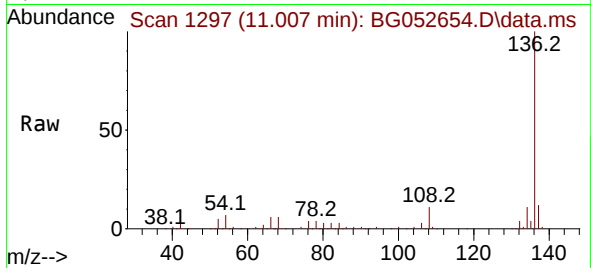




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

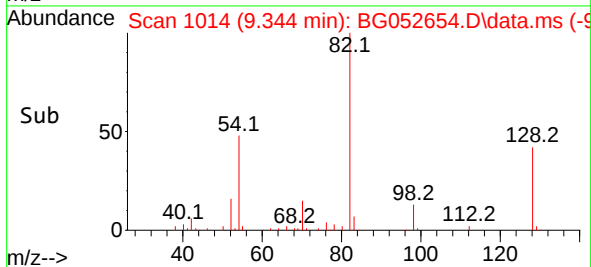
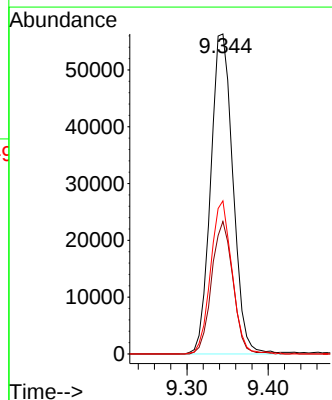
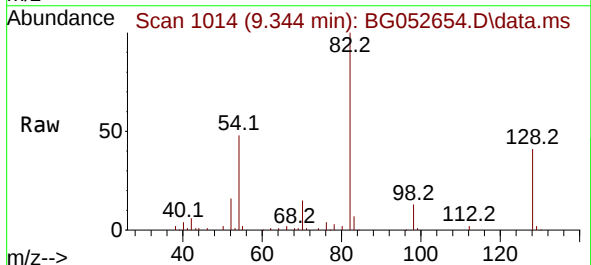
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

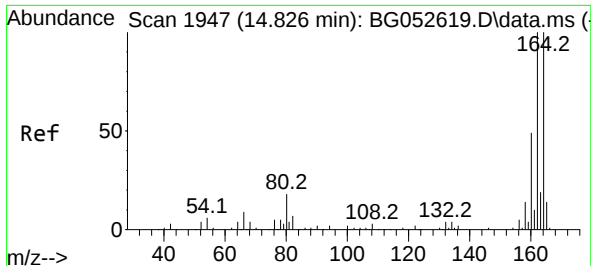
Tgt Ion:	136	Resp:	161307
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.4	14.2
54	7.4	6.4	9.6
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 30.157 ng
RT: 9.344 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:	82	Resp:	107308
Ion Ratio	Lower	Upper	
82	100		
128	41.4	31.3	46.9
54	47.8	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: BG052654.D

Acq: 11 Mar 2022 19:32

Instrument :

BNA_G

ClientSampleId :

SAMPLE-8

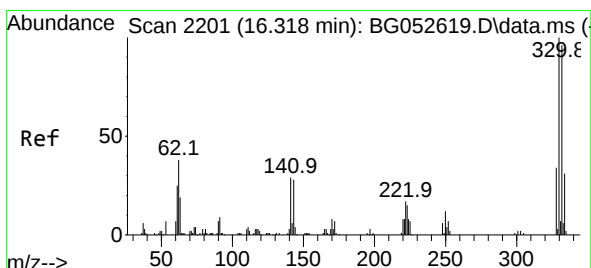
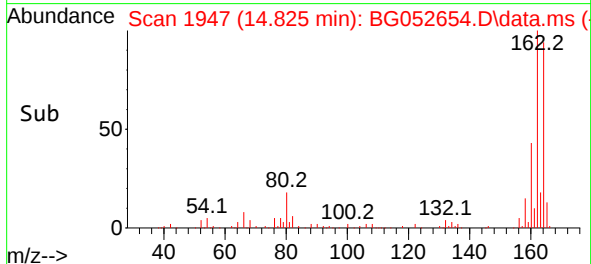
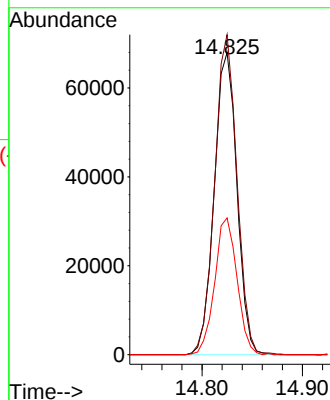
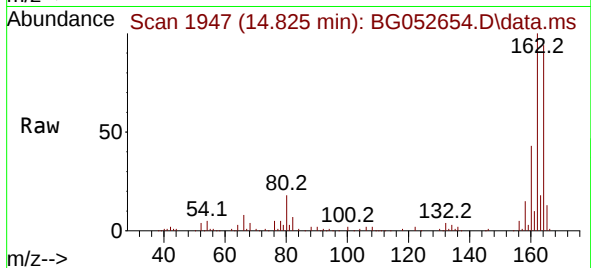
Tgt Ion:164 Resp: 106663

Ion Ratio Lower Upper

164 100

162 105.9 80.0 120.0

160 45.3 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 1.516 ng

RT: 16.311 min Scan# 2200

Delta R.T. -0.007 min

Lab File: BG052654.D

Acq: 11 Mar 2022 19:32

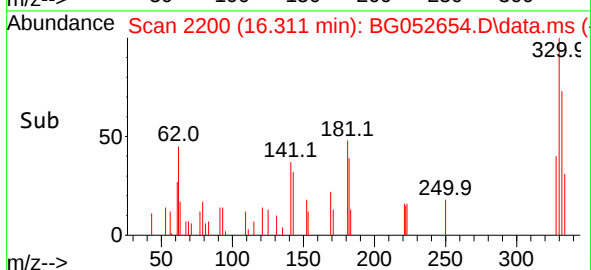
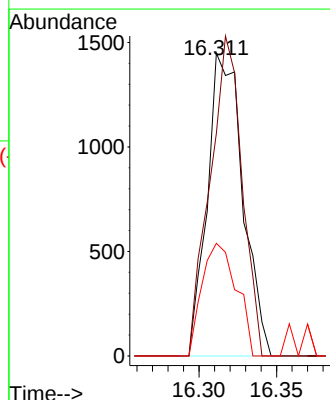
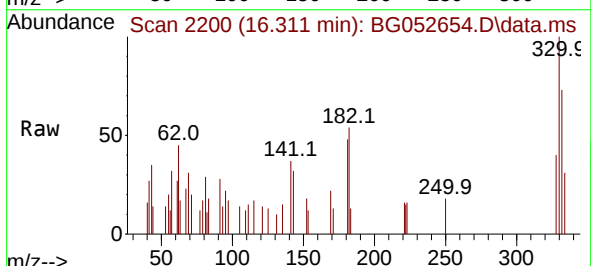
Tgt Ion:330 Resp: 2294

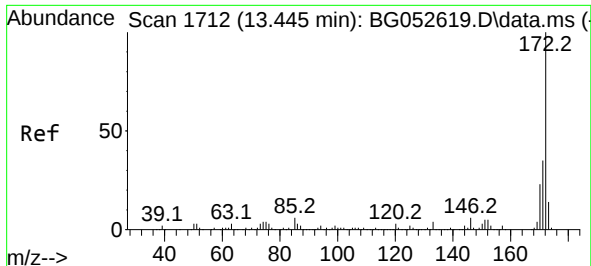
Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.6

141 36.3 24.6 36.8

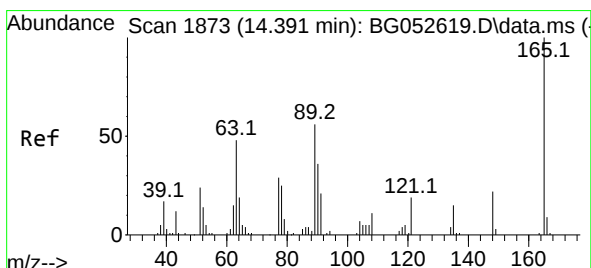
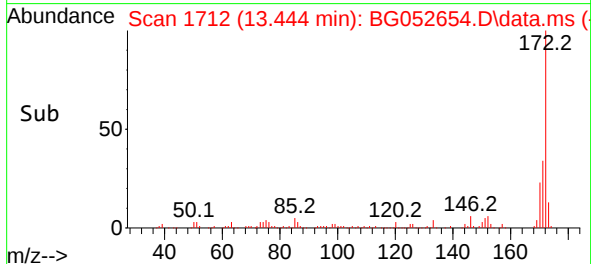
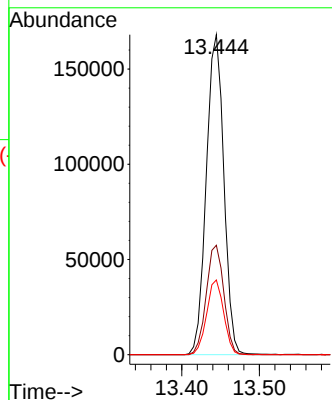
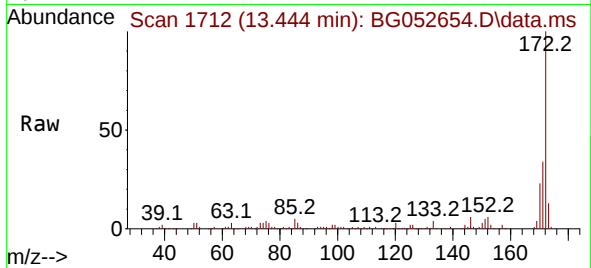




#45
2-Fluorobiphenyl
Concen: 33.391 ng
RT: 13.444 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

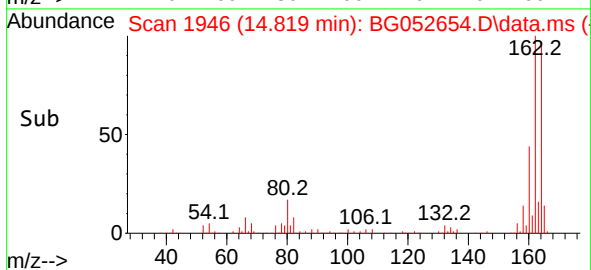
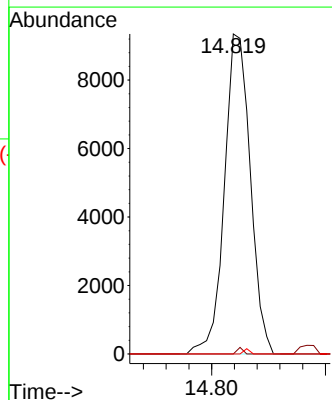
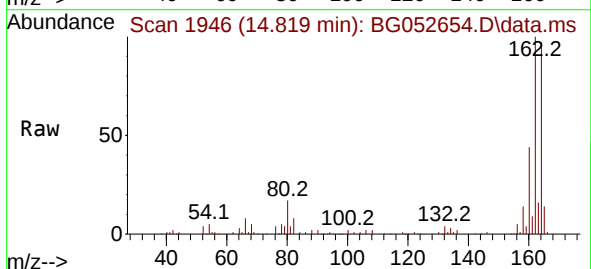
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

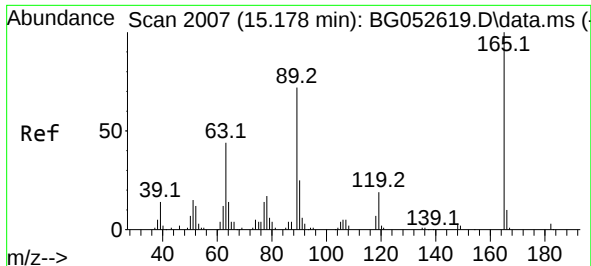
Tgt Ion:172 Resp: 263867
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.334 ng
RT: 14.819 min Scan# 1946
Delta R.T. 0.428 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:165 Resp: 14758
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.921 ng

RT: 14.819 min Scan# 1946

Delta R.T. -0.359 min

Lab File: BG052654.D

Acq: 11 Mar 2022 19:32

Instrument :

BNA_G

ClientSampleId :

SAMPLE-8

Tgt Ion:165 Resp: 14758

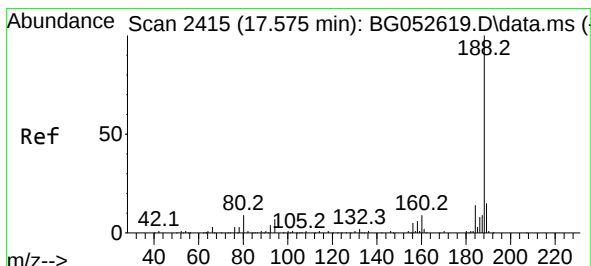
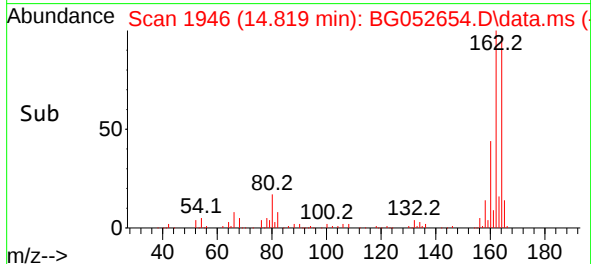
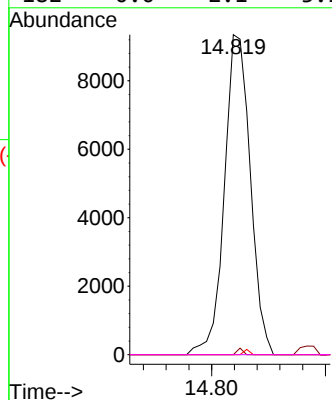
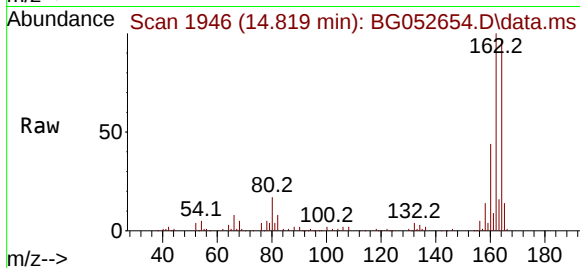
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.574 min Scan# 2415

Delta R.T. -0.001 min

Lab File: BG052654.D

Acq: 11 Mar 2022 19:32

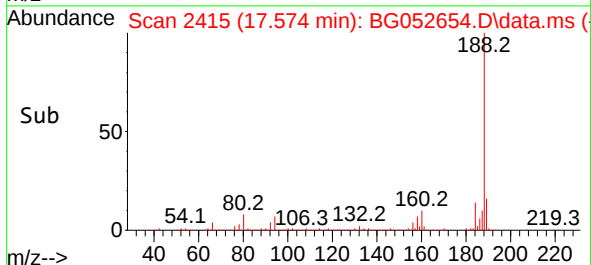
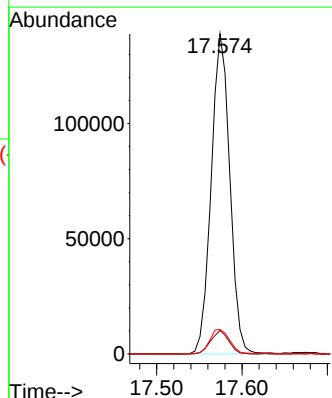
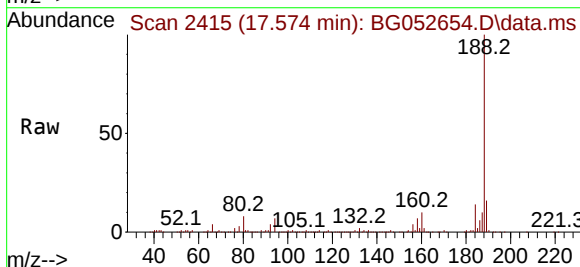
Tgt Ion:188 Resp: 210572

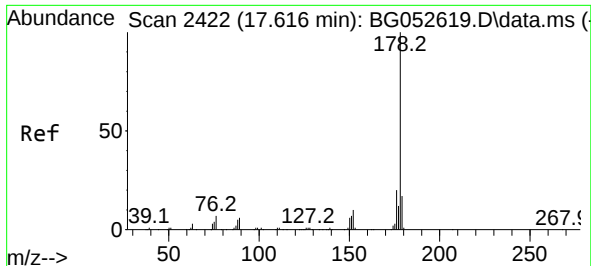
Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 7.7 7.2 10.8

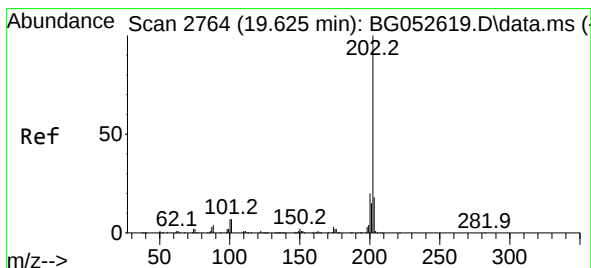
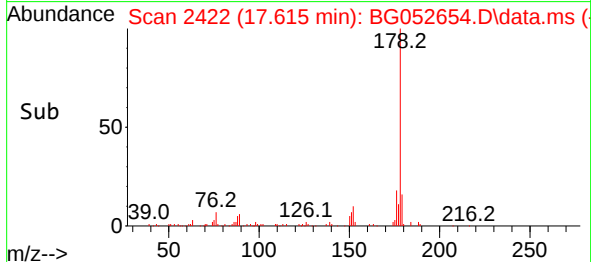
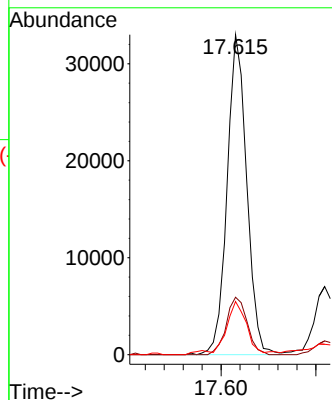
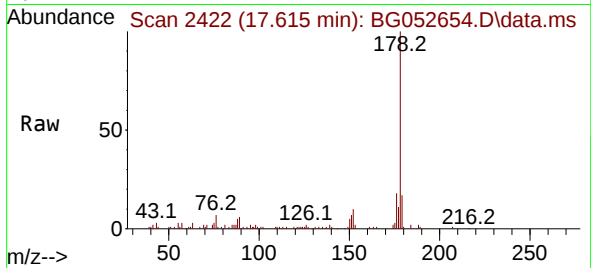




#71
Phenanthrene
Concen: 4.284 ng
RT: 17.615 min Scan# 2422
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

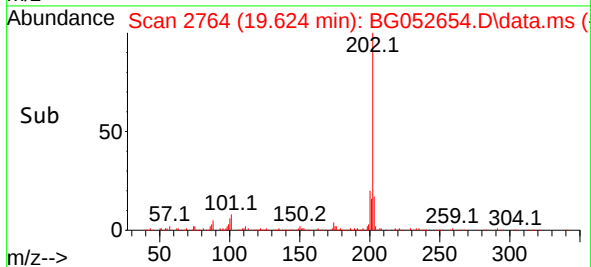
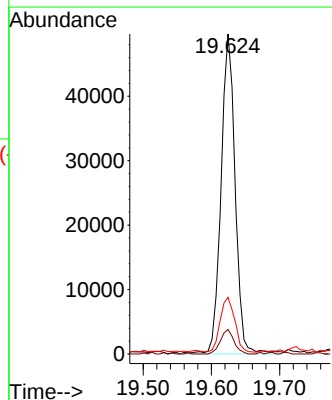
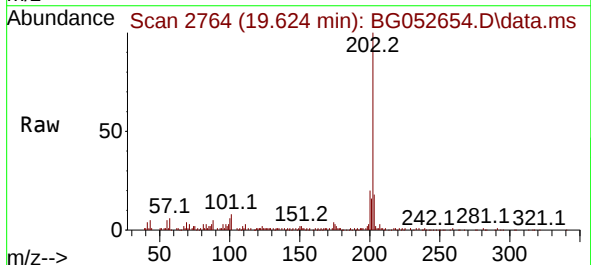
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

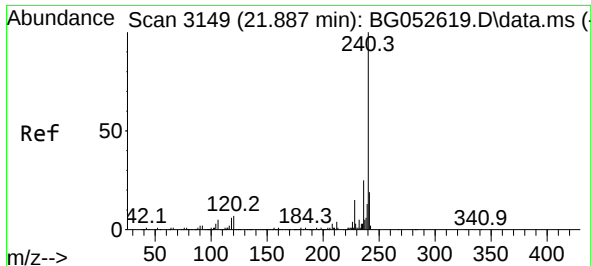
Tgt Ion:178 Resp: 47328
Ion Ratio Lower Upper
178 100
176 17.9 15.9 23.9
179 16.6 13.4 20.2



#75
Fluoranthene
Concen: 5.202 ng
RT: 19.624 min Scan# 2764
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:202 Resp: 71764
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.3
203 17.7 0.0 37.7

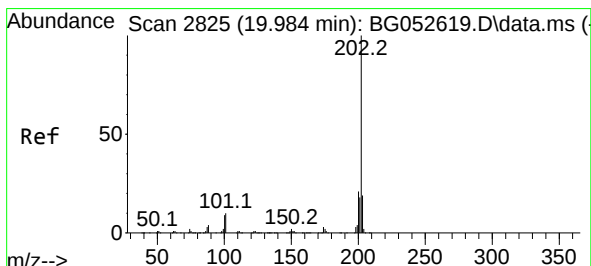
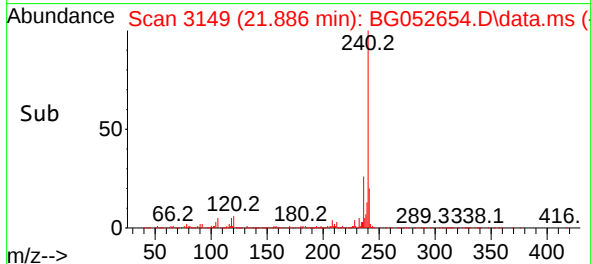
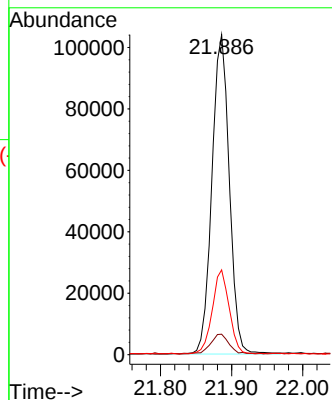
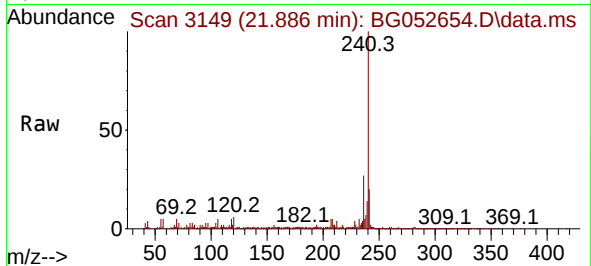




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

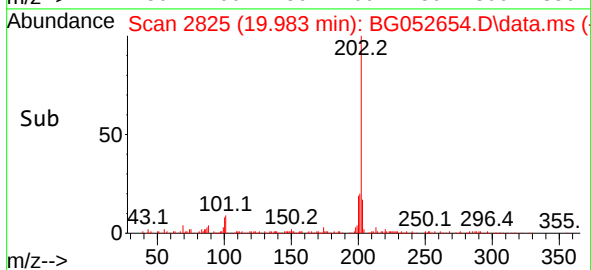
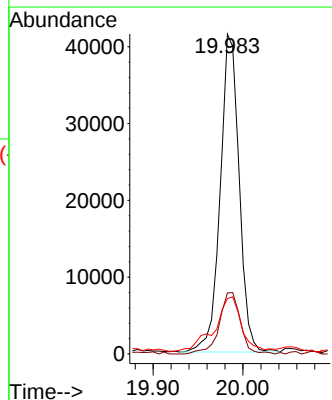
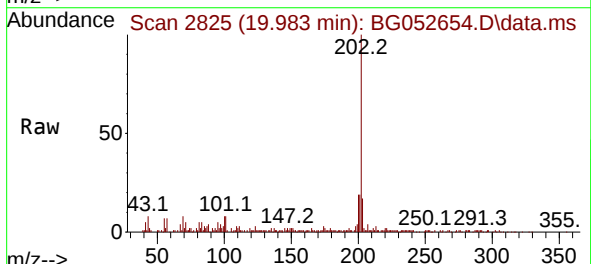
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

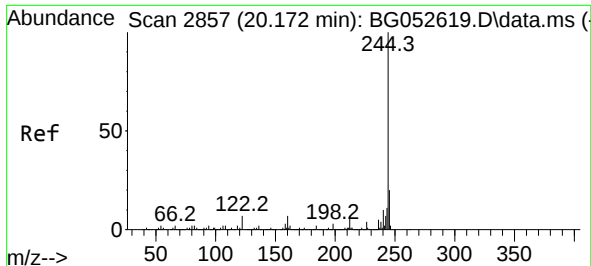
Tgt Ion:240 Resp: 176924
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 26.5 19.8 29.6



#78
Pyrene
Concen: 5.127 ng
RT: 19.983 min Scan# 2825
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:202 Resp: 60630
Ion Ratio Lower Upper
202 100
200 19.1 17.0 25.6
203 17.3 15.0 22.6

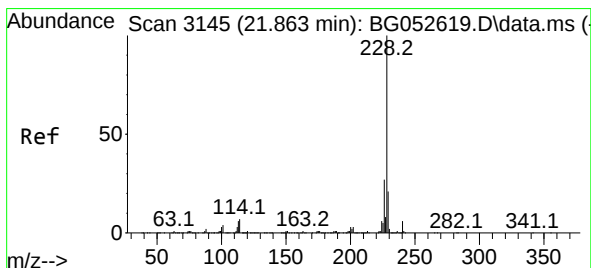
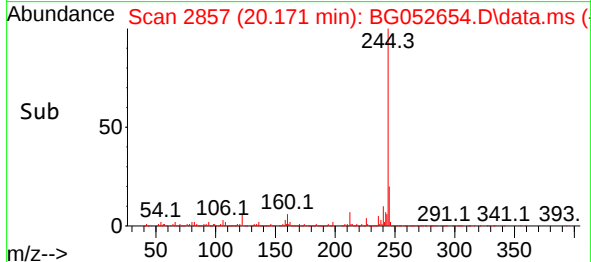
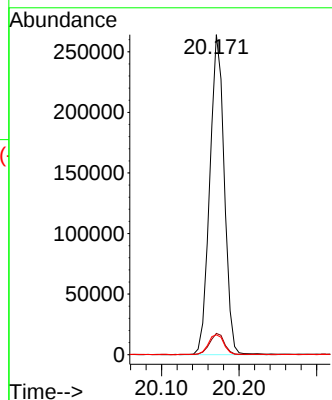
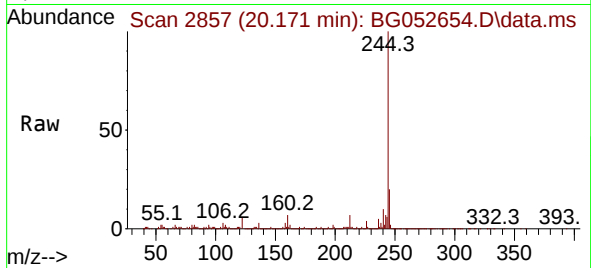




#79
 Terphenyl-d14
 Concen: 34.255 ng
 RT: 20.171 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052654.D
 Acq: 11 Mar 2022 19:32

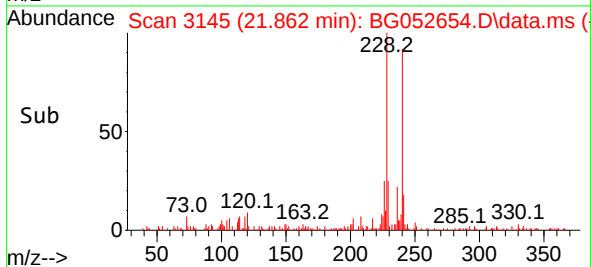
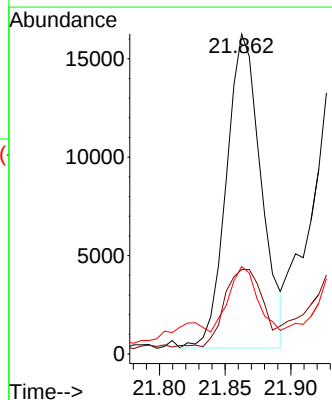
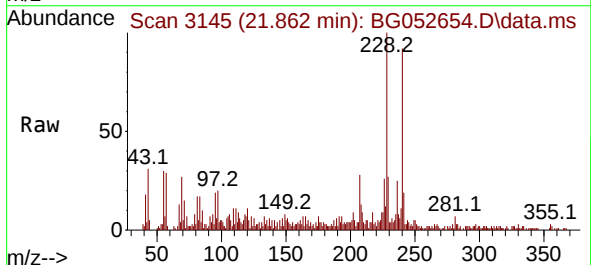
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-8

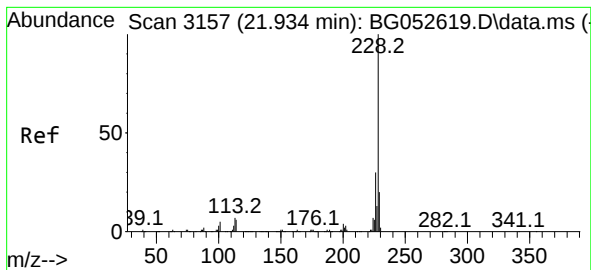
Tgt Ion:244 Resp: 342494
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 6.2 5.8 8.6



#81
 Benzo(a)anthracene
 Concen: 2.475 ng
 RT: 21.862 min Scan# 3145
 Delta R.T. -0.001 min
 Lab File: BG052654.D
 Acq: 11 Mar 2022 19:32

Tgt Ion:228 Resp: 29338
 Ion Ratio Lower Upper
 228 100
 226 26.4 21.4 32.0
 229 27.3 16.7 25.1#





#83

Chrysene

Concen: 2.590 ng

RT: 21.933 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG052654.D

Acq: 11 Mar 2022 19:32

Instrument :

BNA_G

ClientSampleId :

SAMPLE-8

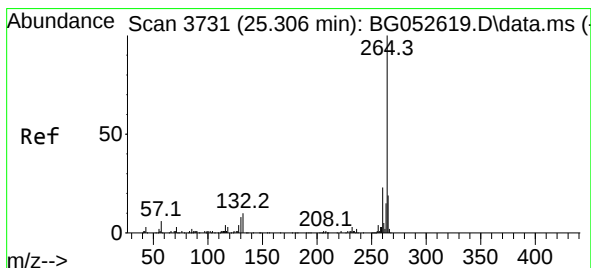
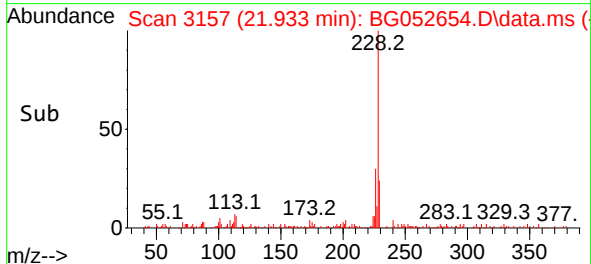
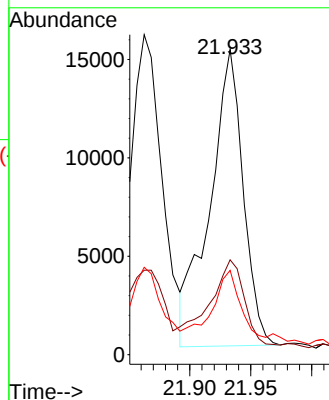
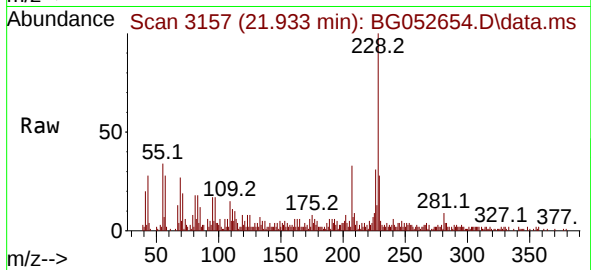
Tgt Ion:228 Resp: 28705

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 27.6 16.3 24.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.323 min Scan# 3734

Delta R.T. 0.017 min

Lab File: BG052654.D

Acq: 11 Mar 2022 19:32

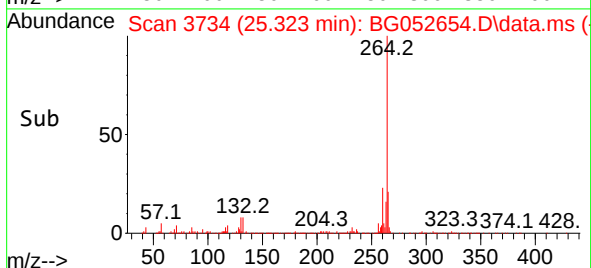
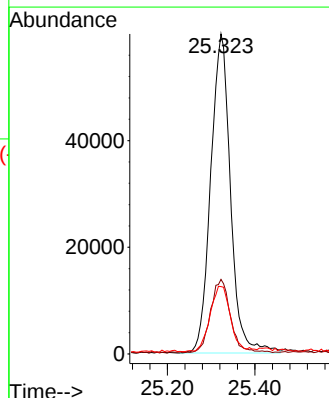
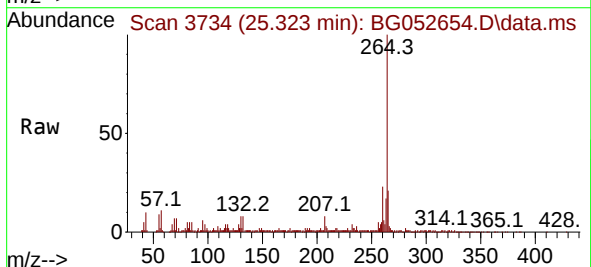
Tgt Ion:264 Resp: 187531

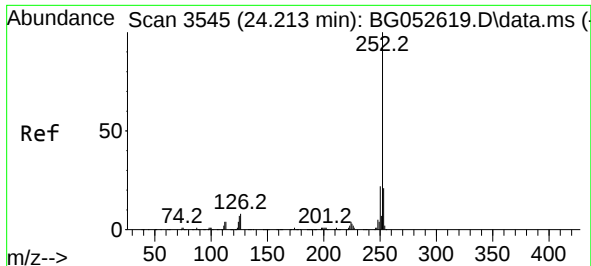
Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.0 15.1 22.7

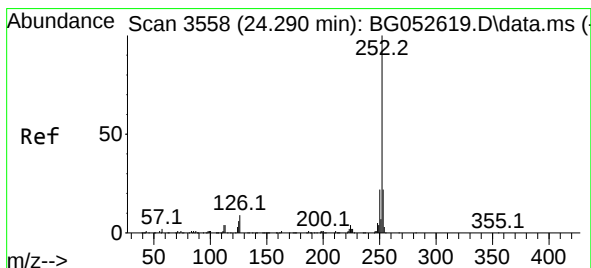
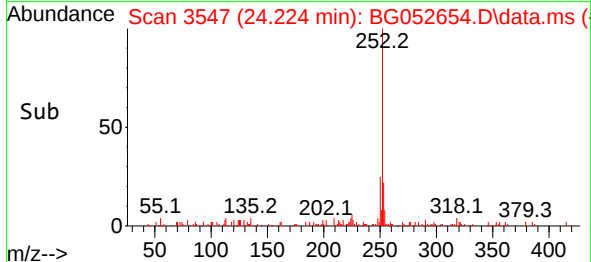
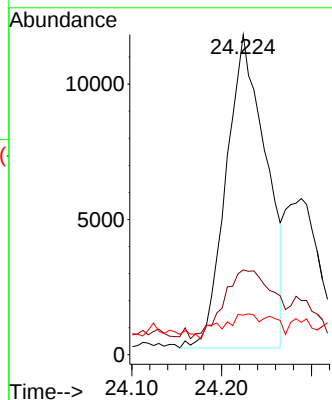
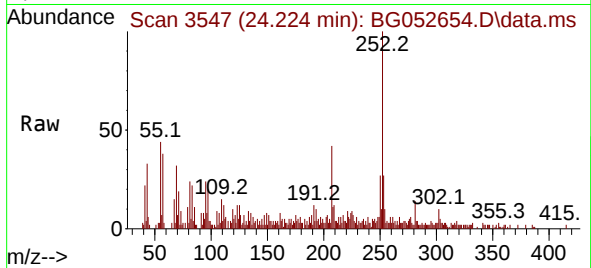




#88
Benzo(b)fluoranthene
Concen: 3.080 ng
RT: 24.224 min Scan# 3547
Delta R.T. 0.011 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

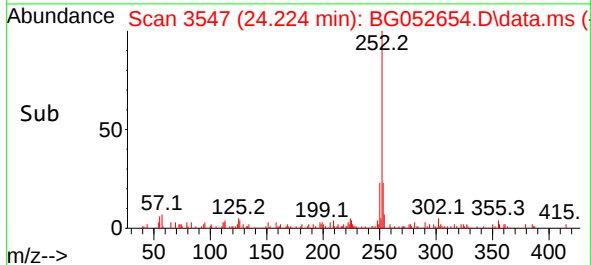
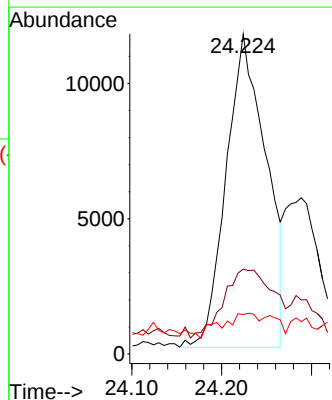
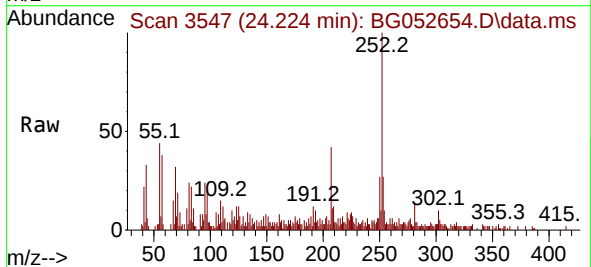
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

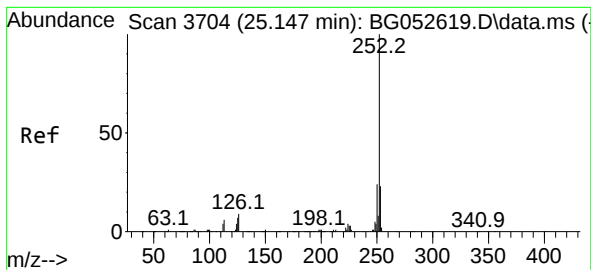
Tgt Ion:252 Resp: 35667
Ion Ratio Lower Upper
252 100
253 26.5 17.2 25.8#
125 12.3 5.2 7.8#



#89
Benzo(k)fluoranthene
Concen: 3.063 ng
RT: 24.224 min Scan# 3547
Delta R.T. -0.066 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:252 Resp: 35667
Ion Ratio Lower Upper
252 100
253 26.5 17.4 26.0#
125 12.3 5.0 7.4#





#90

Benzo(a)pyrene

Concen: 2.762 ng

RT: 25.152 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG052654.D

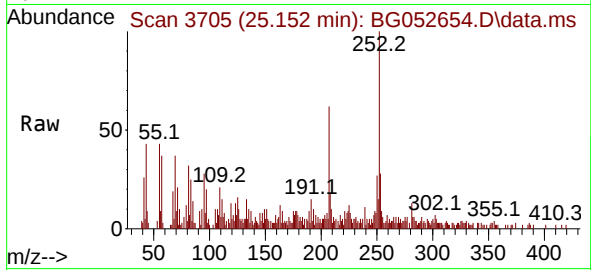
Acq: 11 Mar 2022 19:32

Instrument :

BNA_G

ClientSampleId :

SAMPLE-8



Tgt Ion:252 Resp: 27055

Ion Ratio Lower Upper

252 100

253 27.9 18.4 27.6#

125 15.7 5.6 8.4#

