

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
 Data File : BG052635.D
 Acq On : 10 Mar 2022 15:41
 Operator : CG/JU
 Sample : N1845-10 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-10

Quant Time: Mar 11 03:45:00 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)

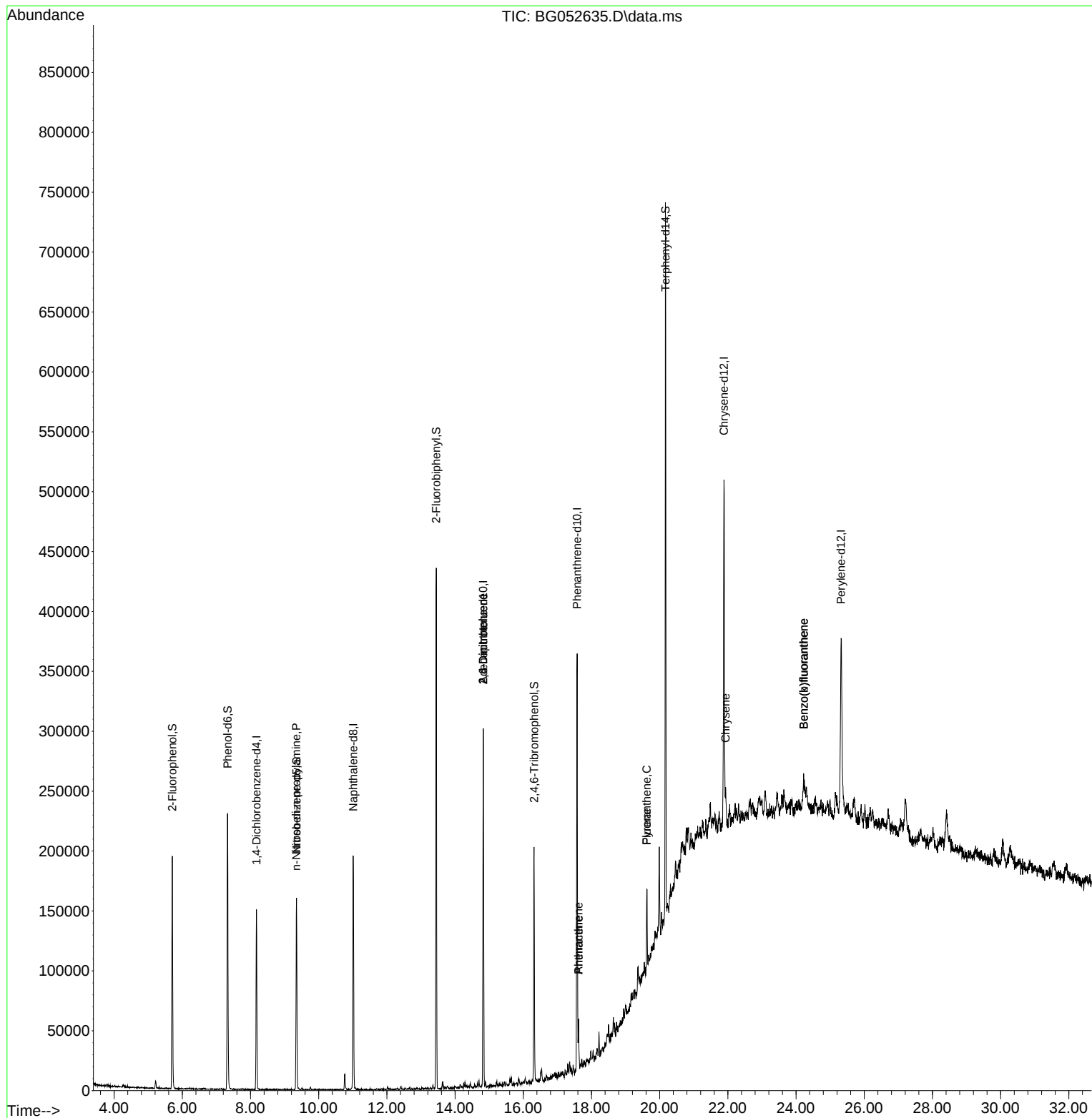
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	45221	20.000	ng	0.00
21) Naphthalene-d8	11.012	136	169803	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	108111	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	220702	20.000	ng	0.00
76) Chrysene-d12	21.886	240	190349	20.000	ng	0.00
86) Perylene-d12	25.316	264	186913	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	91316	34.885	ng	0.00
7) Phenol-d6	7.329	99	148912	39.306	ng	0.00
23) Nitrobenzene-d5	9.350	82	102020	27.236	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	42795	27.910	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	229907	28.704	ng	0.00
79) Terphenyl-d14	20.170	244	312906	29.089	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.344	70	13898	5.421	ng	# 80
51) 2,6-Dinitrotoluene	14.825	165	14966	8.338	ng	# 24
57) 2,4-Dinitrotoluene	14.825	165	14966	5.924	ng	# 22
71) Phenanthrene	17.621	178	23936	2.067	ng	98
72) Anthracene	17.621	178	23936	2.111	ng	97
75) Fluoranthene	19.624	202	44296	3.064	ng	100
78) Pyrene	19.624	202	44296	3.481	ng	98
83) Chrysene	21.933	228	25179	2.112	ng	# 89
88) Benzo(b)fluoranthene	24.224	252	27108	2.349	ng	# 69
89) Benzo(k)fluoranthene	24.224	252	27108	2.336	ng	# 69

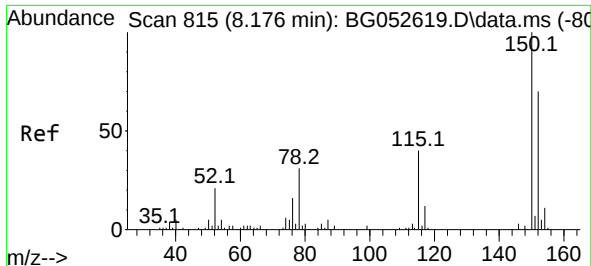
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 11 03:45:00 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

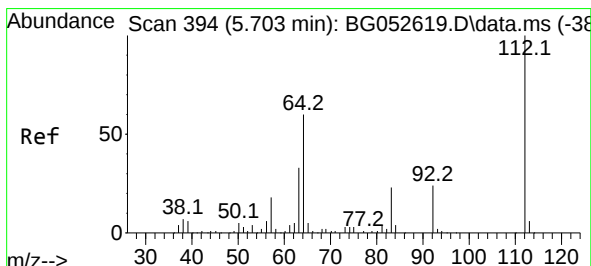
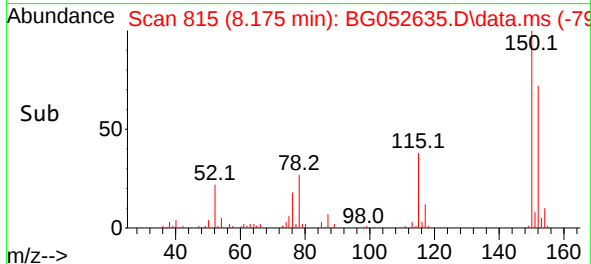
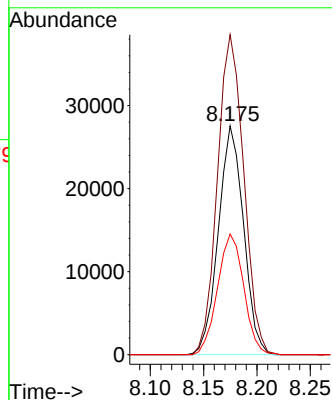
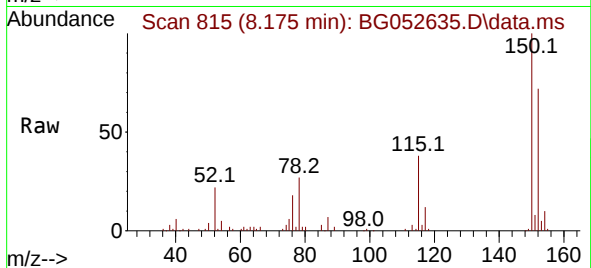




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.175 min Scan# 815
Delta R.T. -0.001 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

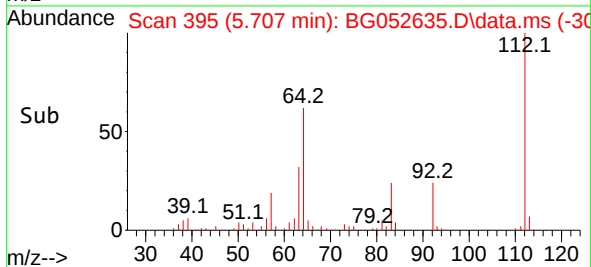
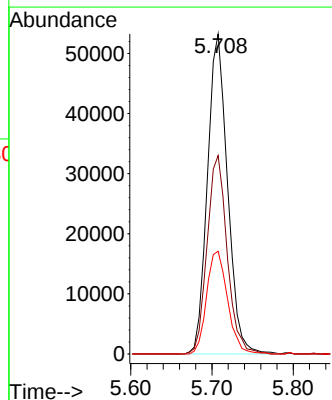
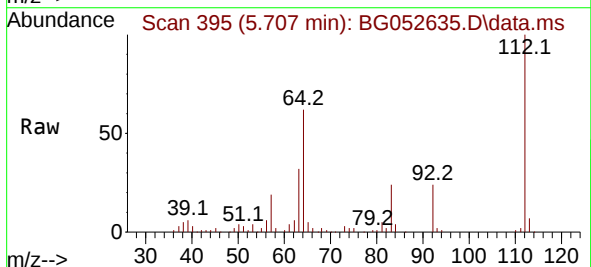
Instrument :
BNA_G
ClientSampleId :
SAMPLE-10

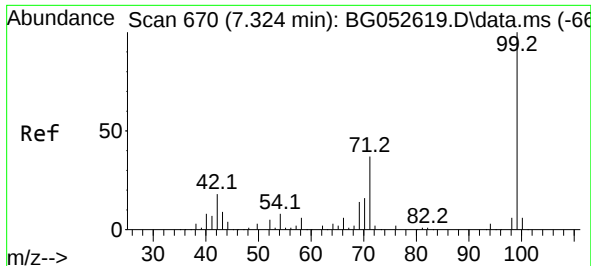
Tgt Ion:152 Resp: 45221
Ion Ratio Lower Upper
152 100
150 139.9 114.6 172.0
115 52.8 45.9 68.9



#5
2-Fluorophenol
Concen: 34.885 ng
RT: 5.707 min Scan# 395
Delta R.T. 0.005 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Tgt Ion:112 Resp: 91316
Ion Ratio Lower Upper
112 100
64 62.0 48.0 72.0
63 32.1 26.5 39.7

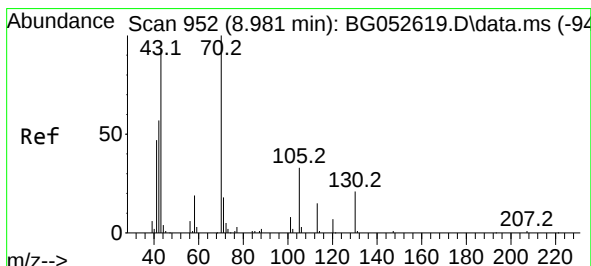
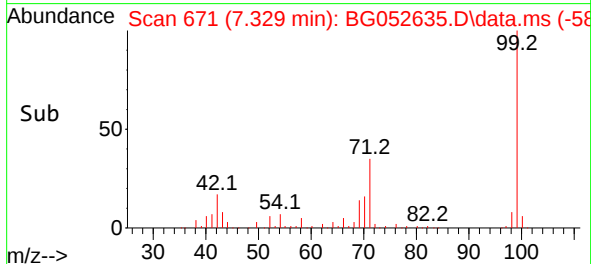
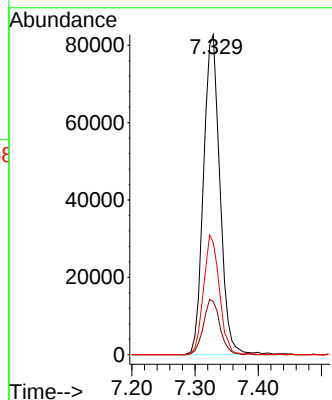
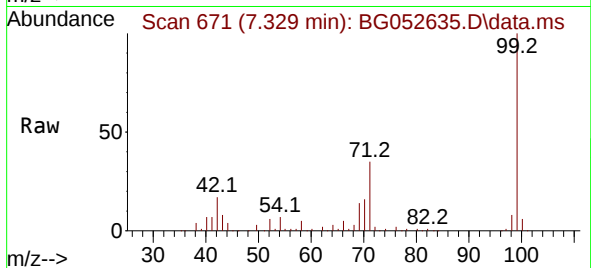




#7
Phenol-d6
Concen: 39.306 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

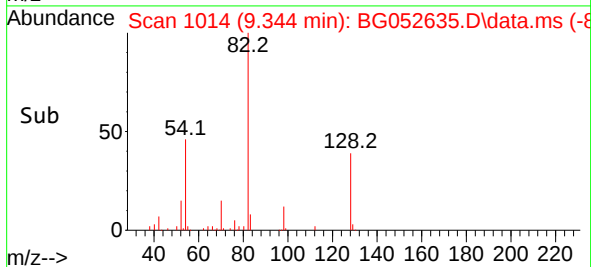
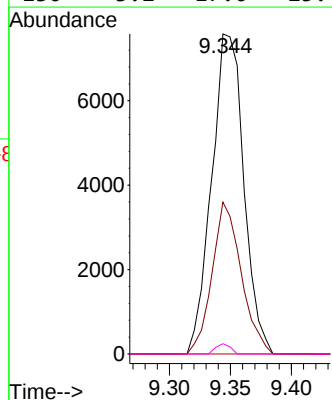
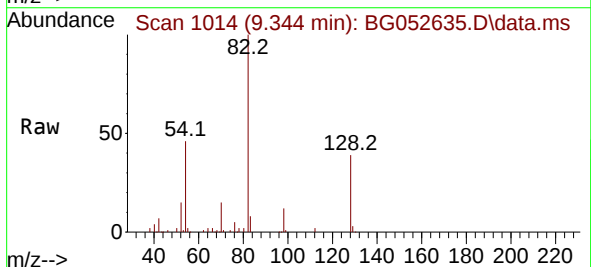
Instrument :
BNA_G
ClientSampleId :
SAMPLE-10

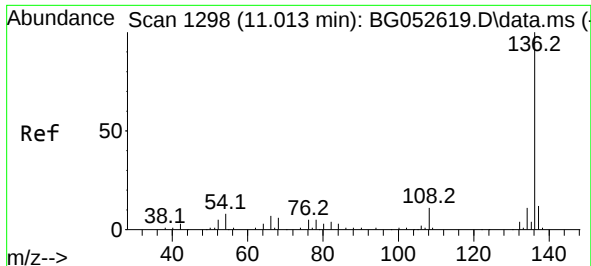
Tgt Ion: 99 Resp: 148912
Ion Ratio Lower Upper
99 100
42 16.6 14.7 22.1
71 34.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.421 ng
RT: 9.344 min Scan# 1014
Delta R.T. 0.363 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Tgt Ion: 70 Resp: 13898
Ion Ratio Lower Upper
70 100
42 47.4 46.0 69.0
101 0.0 6.2 9.4#
130 3.2 17.0 25.4#



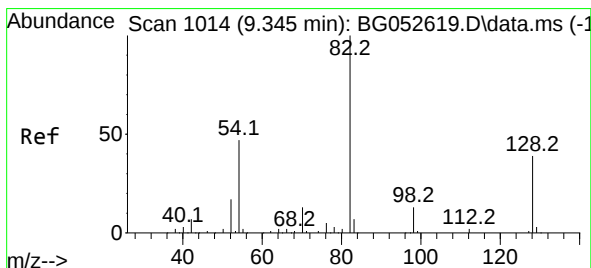
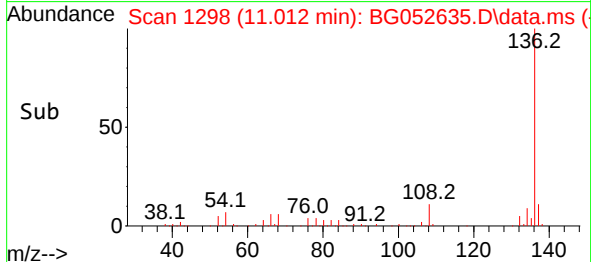
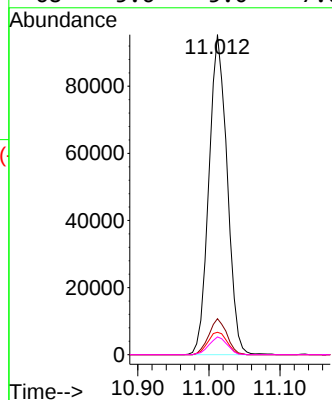
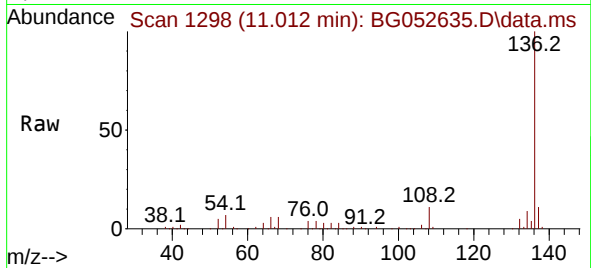


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.012 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Instrument :
BNA_G
ClientSampleId :
SAMPLE-10

Tgt Ion:136 Resp: 169803

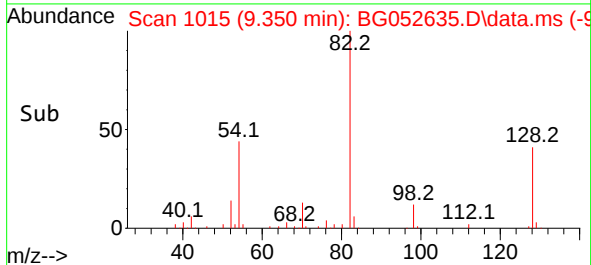
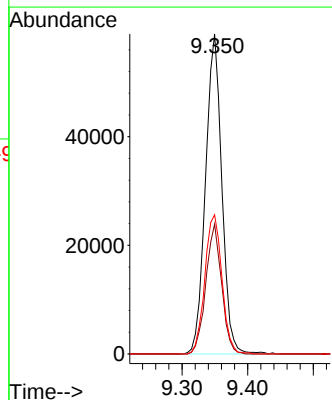
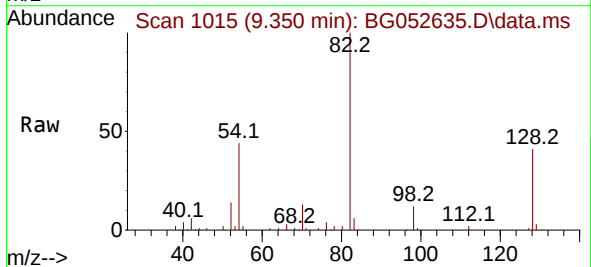
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	7.0	6.4	9.6
68	5.6	5.0	7.6

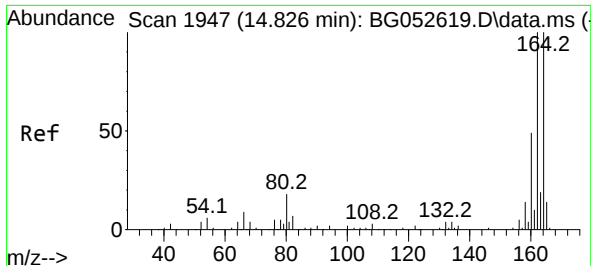


#23
Nitrobenzene-d5
Concen: 27.236 ng
RT: 9.350 min Scan# 1015
Delta R.T. 0.005 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Tgt Ion: 82 Resp: 102020

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.3	46.9
54	43.5	37.8	56.8

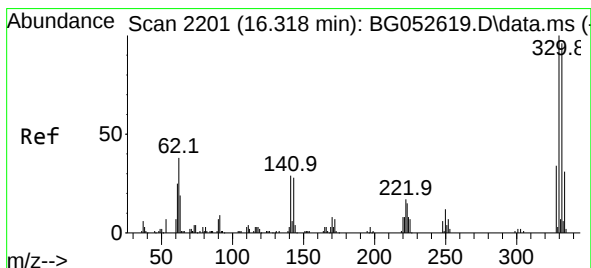
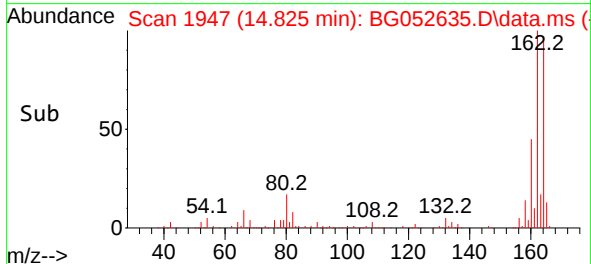
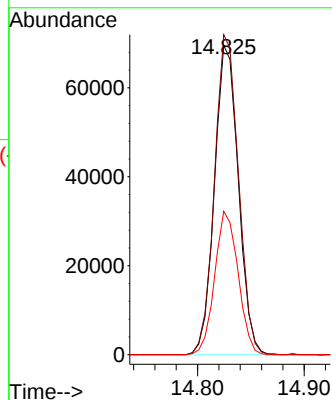
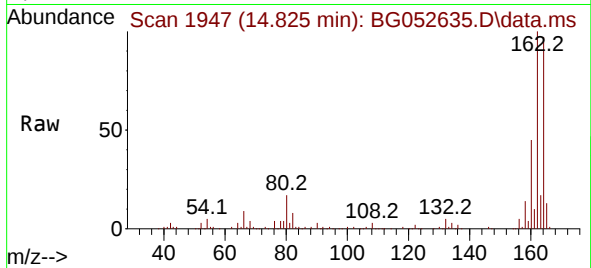




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

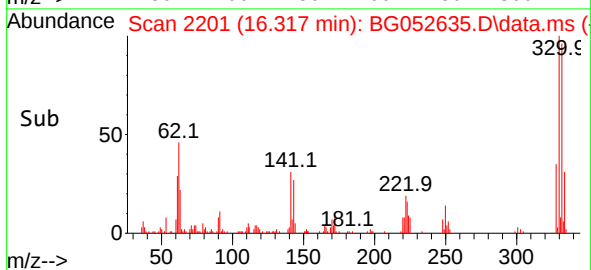
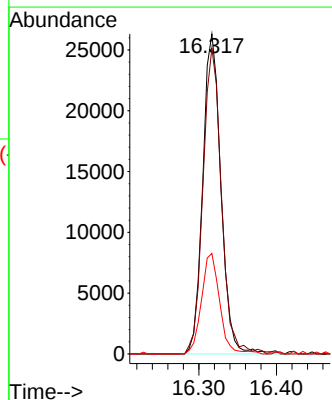
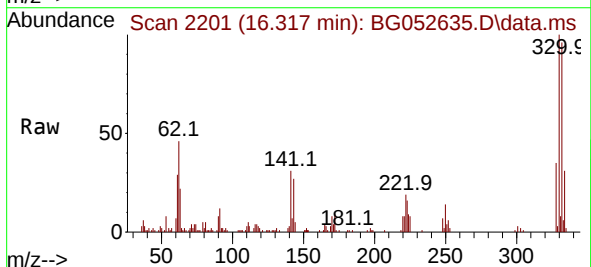
Instrument :
BNA_G
ClientSampleId :
SAMPLE-10

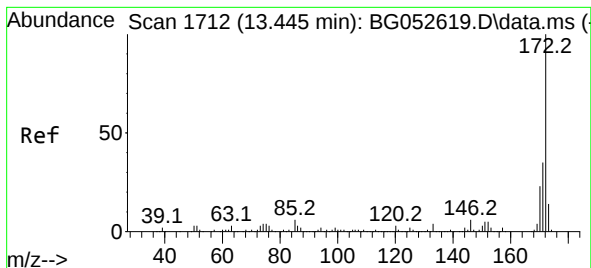
Tgt Ion:164 Resp: 108111
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 46.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 27.910 ng
RT: 16.317 min Scan# 2201
Delta R.T. -0.001 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Tgt Ion:330 Resp: 42795
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 31.4 24.6 36.8

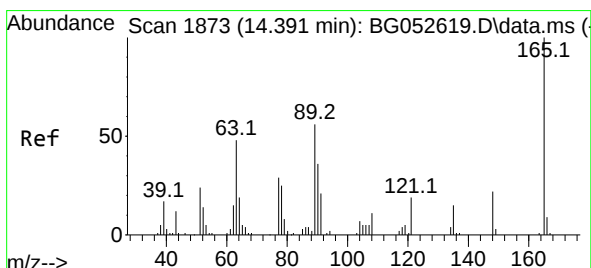
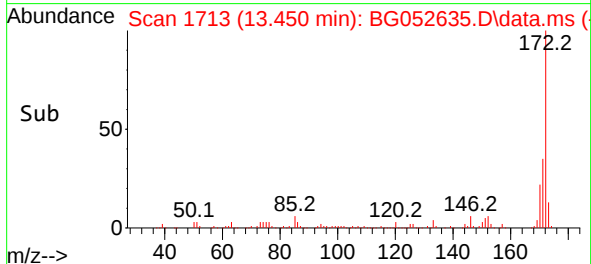
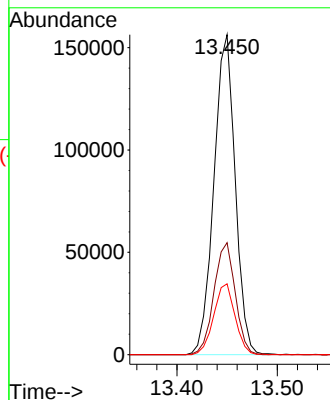
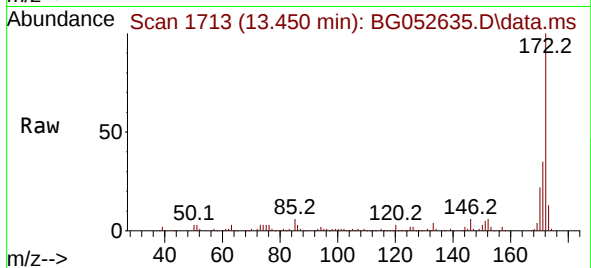




#45
2-Fluorobiphenyl
Concen: 28.704 ng
RT: 13.450 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

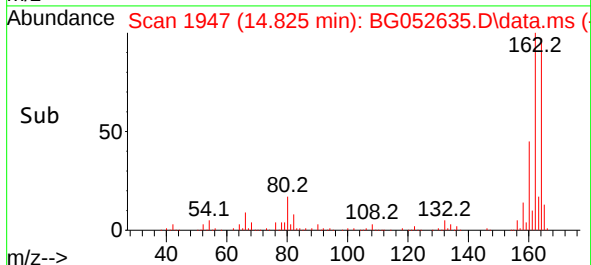
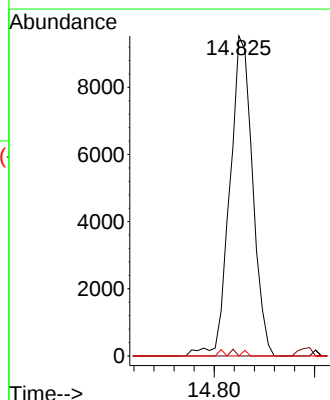
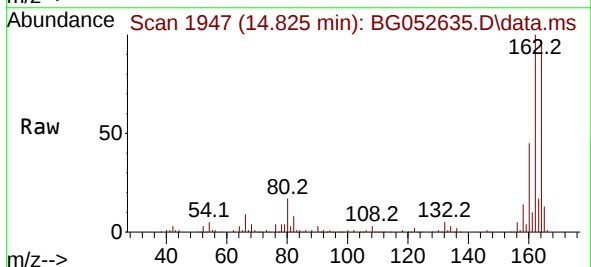
Instrument :
BNA_G
ClientSampleId :
SAMPLE-10

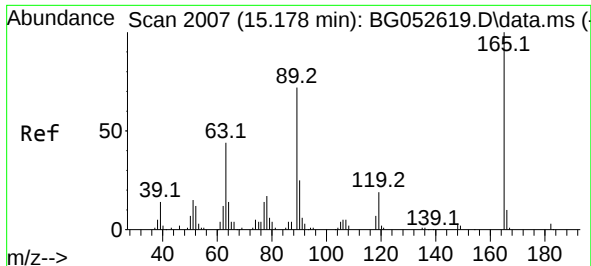
Tgt Ion:172 Resp: 229907
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.338 ng
RT: 14.825 min Scan# 1947
Delta R.T. 0.433 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Tgt Ion:165 Resp: 14966
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: 5.924 ng

RT: 14.825 min Scan# 1947

Delta R.T. -0.353 min

Lab File: BG052635.D

Acq: 10 Mar 2022 15:41

Instrument :

BNA_G

ClientSampleId :

SAMPLE-10

Tgt Ion:165 Resp: 14966

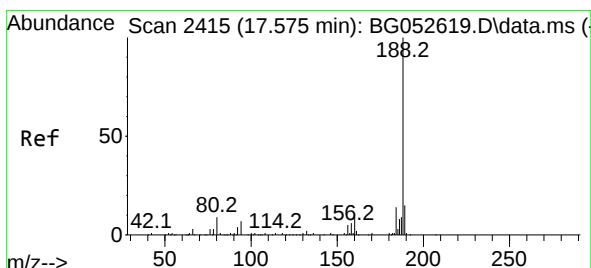
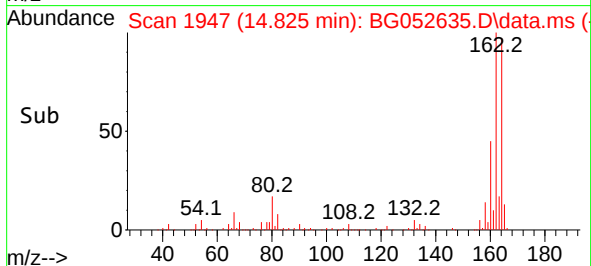
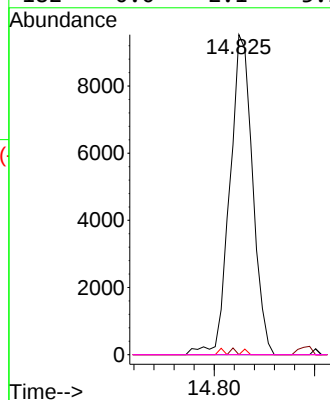
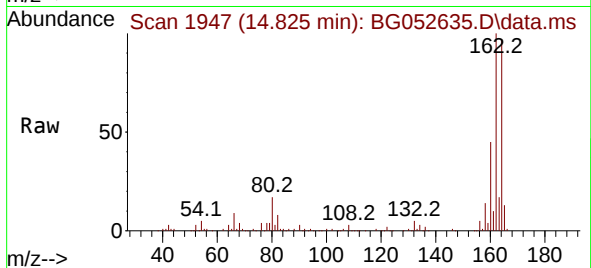
Ion Ratio Lower Upper

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: 17.580 min Scan# 2416

Delta R.T. 0.005 min

Lab File: BG052635.D

Acq: 10 Mar 2022 15:41

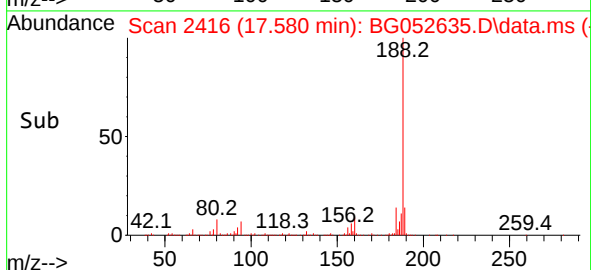
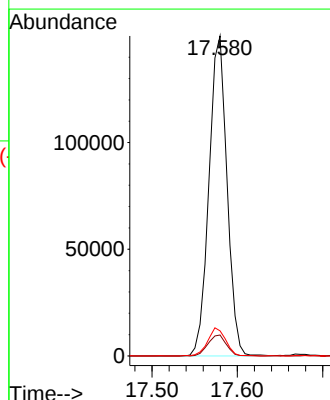
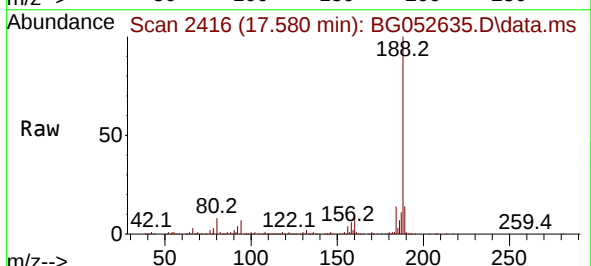
Tgt Ion:188 Resp: 220702

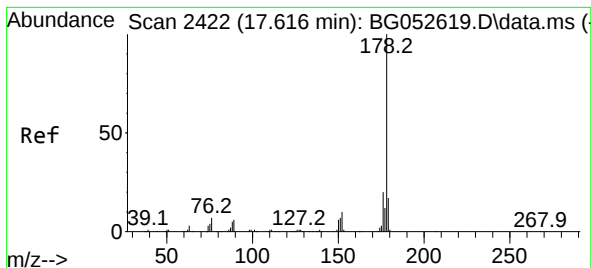
Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

80 7.9 7.2 10.8





#71

Phenanthrene

Concen: 2.067 ng

RT: 17.621 min Scan# 2423

Delta R.T. 0.005 min

Lab File: BG052635.D

Acq: 10 Mar 2022 15:41

Instrument :

BNA_G

ClientSampleId :

SAMPLE-10

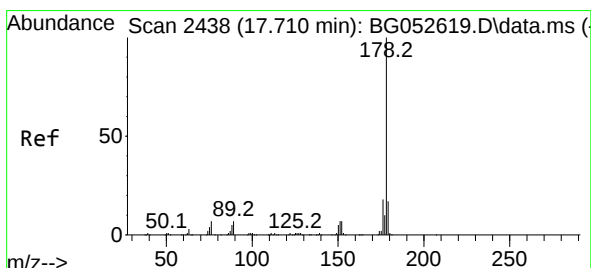
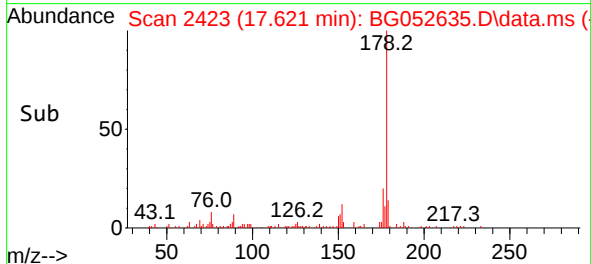
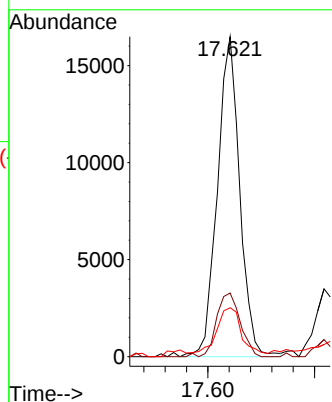
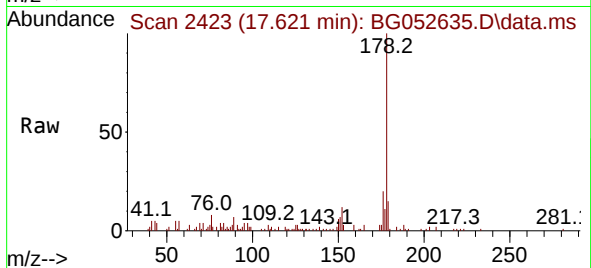
Tgt Ion:178 Resp: 23936

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 15.3 13.4 20.2



#72

Anthracene

Concen: 2.111 ng

RT: 17.621 min Scan# 2423

Delta R.T. -0.089 min

Lab File: BG052635.D

Acq: 10 Mar 2022 15:41

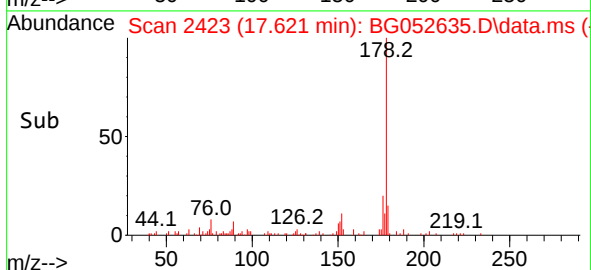
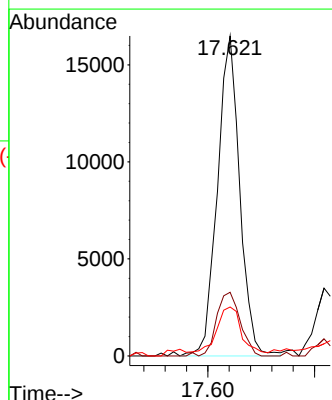
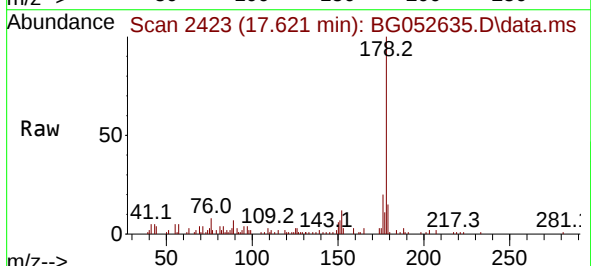
Tgt Ion:178 Resp: 23936

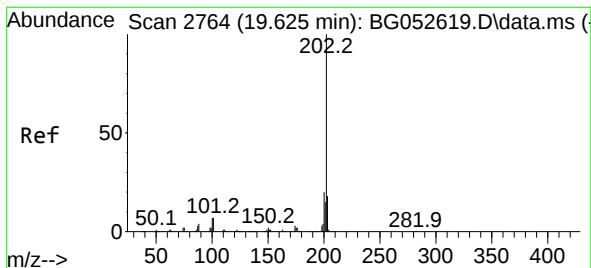
Ion Ratio Lower Upper

178 100

176 19.9 14.7 22.1

179 15.3 13.2 19.8





#75

Fluoranthene

Concen: 3.064 ng

RT: 19.624 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG052635.D

Acq: 10 Mar 2022 15:41

Instrument :

BNA_G

ClientSampleId :

SAMPLE-10

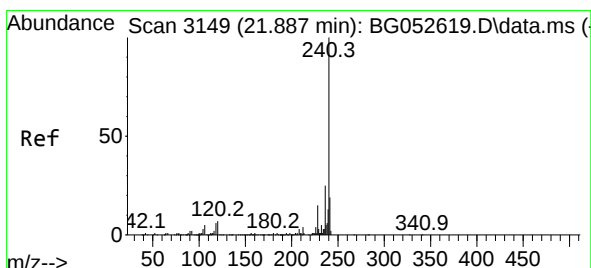
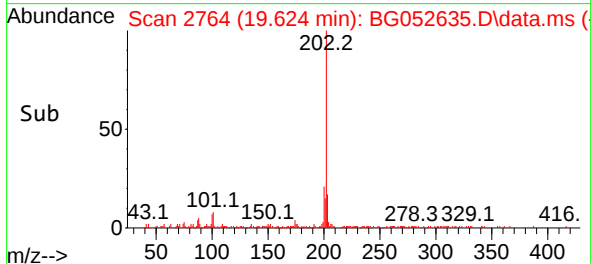
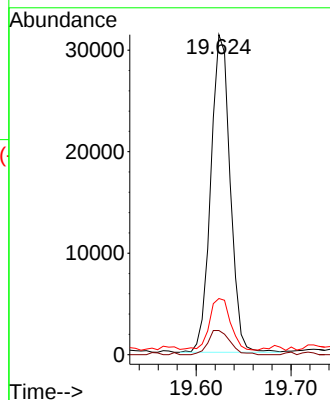
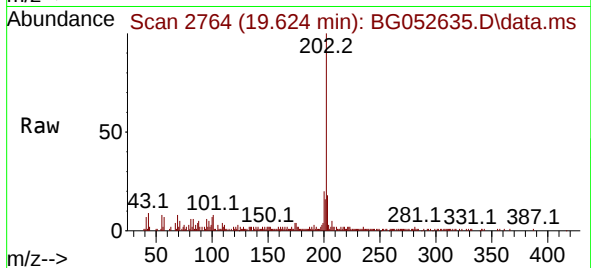
Tgt Ion:202 Resp: 44296

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.3

203 17.6 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: BG052635.D

Acq: 10 Mar 2022 15:41

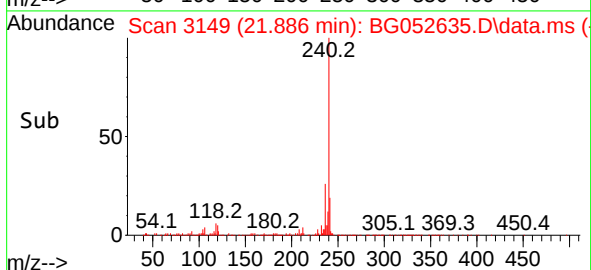
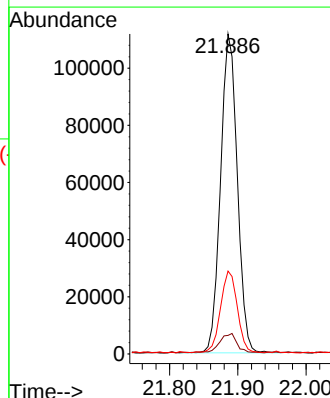
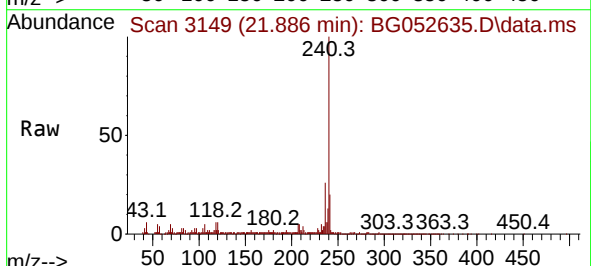
Tgt Ion:240 Resp: 190349

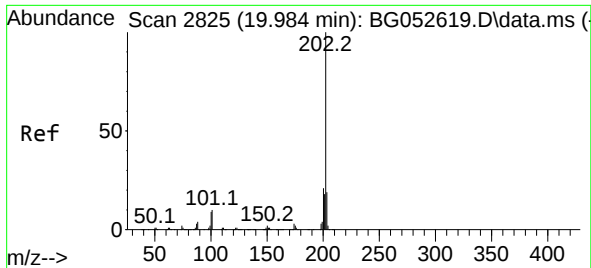
Ion Ratio Lower Upper

240 100

120 5.8 5.4 8.0

236 25.9 19.8 29.6

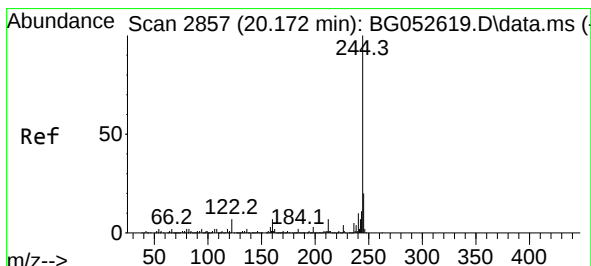
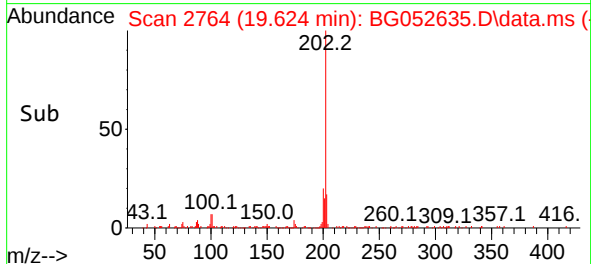
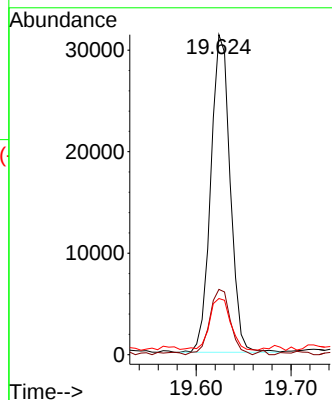
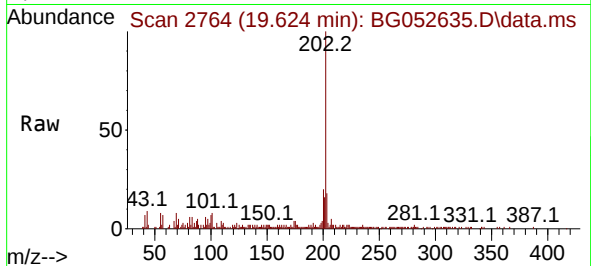




#78
Pyrene
Concen: 3.481 ng
RT: 19.624 min Scan# 21
Delta R.T. -0.360 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

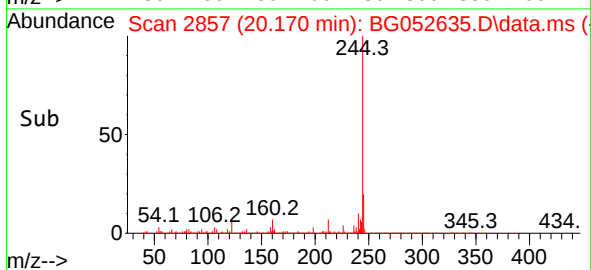
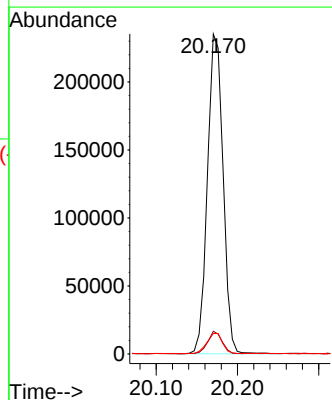
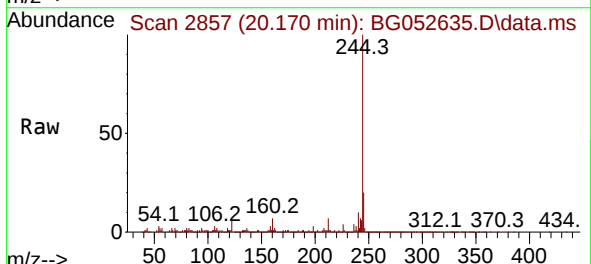
Instrument :
BNA_G
ClientSampleId :
SAMPLE-10

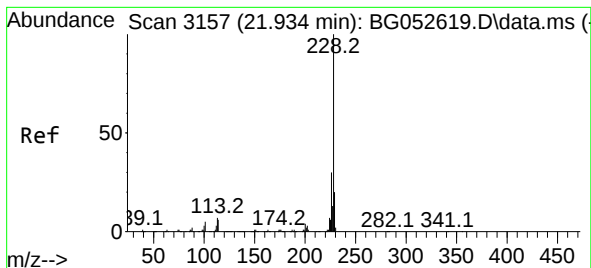
Tgt Ion:202 Resp: 44296
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.6 15.0 22.6



#79
Terphenyl-d14
Concen: 29.089 ng
RT: 20.170 min Scan# 2857
Delta R.T. -0.001 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Tgt Ion:244 Resp: 312906
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 6.4 5.8 8.6





#83

Chrysene

Concen: 2.112 ng

RT: 21.933 min Scan# 3157

Delta R.T. -0.001 min

Lab File: BG052635.D

Acq: 10 Mar 2022 15:41

Instrument :

BNA_G

ClientSampleId :

SAMPLE-10

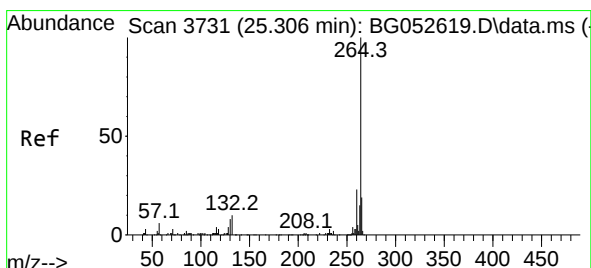
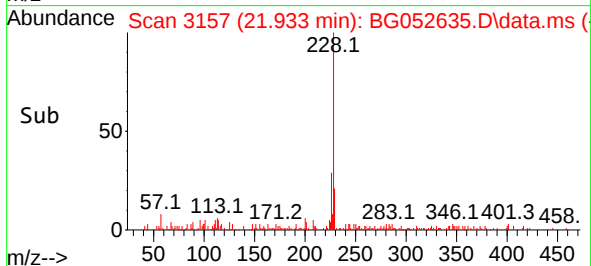
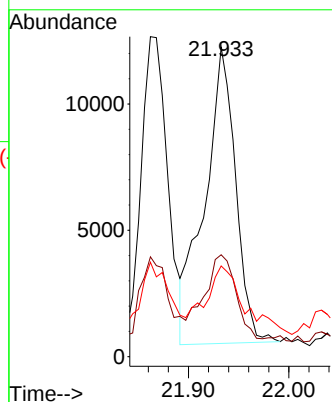
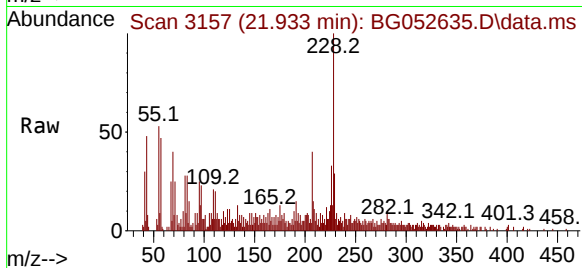
Tgt Ion:228 Resp: 25179

Ion Ratio Lower Upper

228 100

226 32.9 24.2 36.4

229 29.3 16.3 24.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.316 min Scan# 3733

Delta R.T. 0.010 min

Lab File: BG052635.D

Acq: 10 Mar 2022 15:41

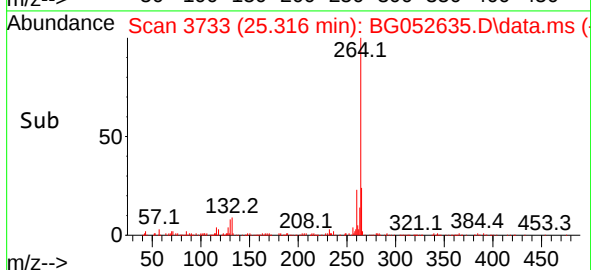
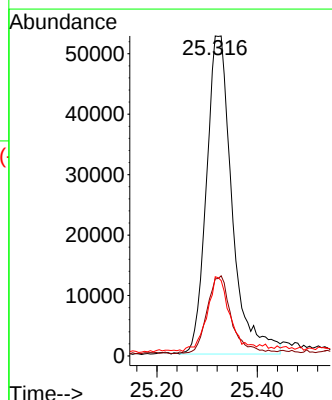
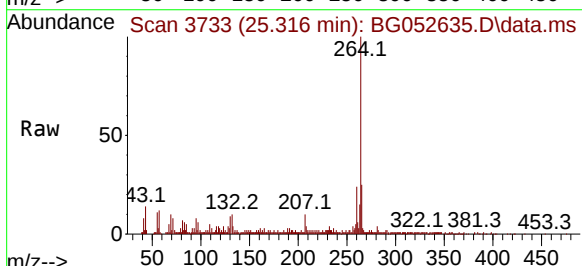
Tgt Ion:264 Resp: 186913

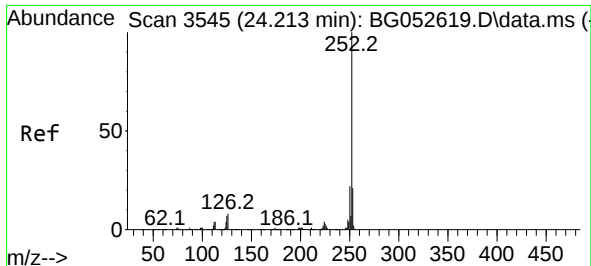
Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 24.7 15.1 22.7#

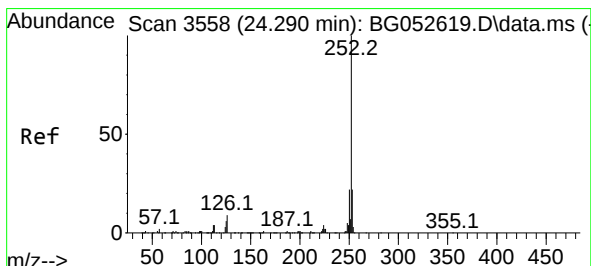
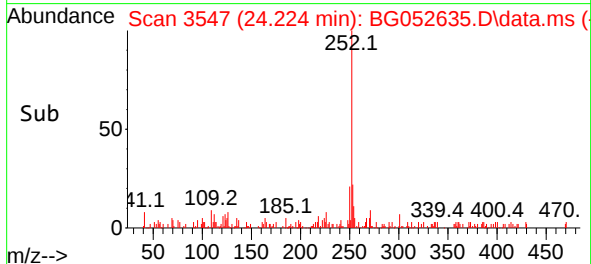
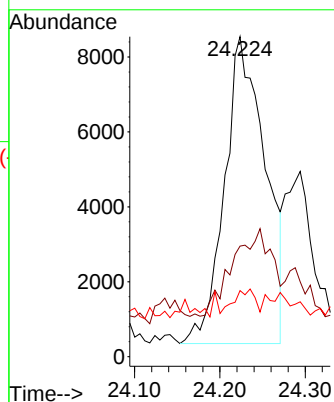
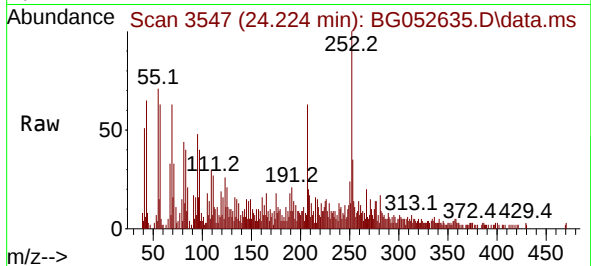




#88
Benzo(b)fluoranthene
Concen: 2.349 ng
RT: 24.224 min Scan# 3547
Delta R.T. 0.010 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Instrument :
BNA_G
ClientSampleId :
SAMPLE-10

Tgt Ion:252 Resp: 27108
Ion Ratio Lower Upper
252 100
253 34.6 17.2 25.8#
125 20.7 5.2 7.8#



#89
Benzo(k)fluoranthene
Concen: 2.336 ng
RT: 24.224 min Scan# 3547
Delta R.T. -0.066 min
Lab File: BG052635.D
Acq: 10 Mar 2022 15:41

Tgt Ion:252 Resp: 27108
Ion Ratio Lower Upper
252 100
253 34.6 17.4 26.0#
125 20.7 5.0 7.4#

