

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)

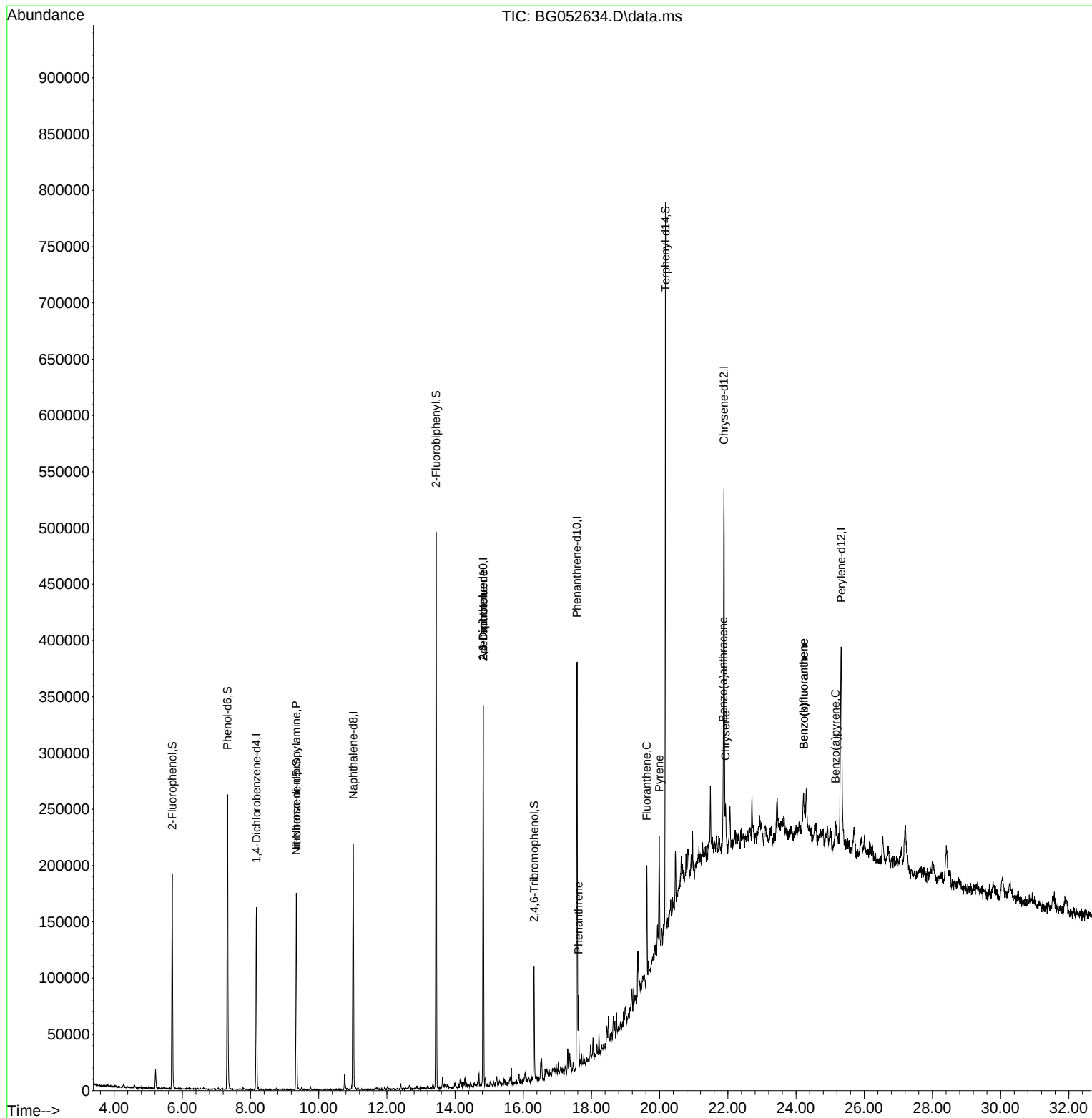
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	48822	20.000	ng	0.00
21) Naphthalene-d8	11.013	136	190385	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	118499	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	234880	20.000	ng	0.00
76) Chrysene-d12	21.886	240	201298	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.344	70	15375	5.555	ng	# 68
51) 2,6-Dinitrotoluene	14.825	165	16831	8.555	ng	# 25
57) 2,4-Dinitrotoluene	14.825	165	16831	6.079	ng	# 24
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
89) Benzo(k)fluoranthene	24.224	252	36552	2.940	ng	# 74
90) Benzo(a)pyrene	25.158	252	24162	2.310	ng	# 89

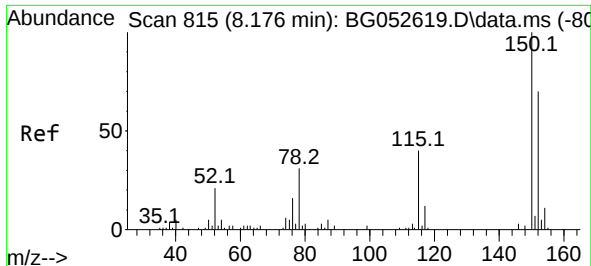
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 10 06:37:54 2022
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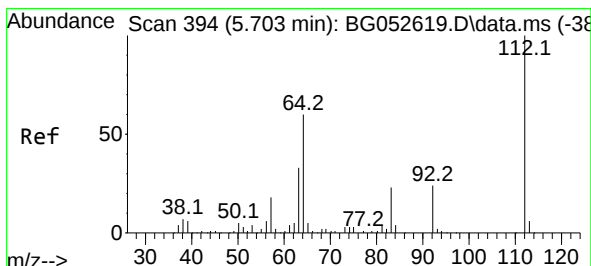
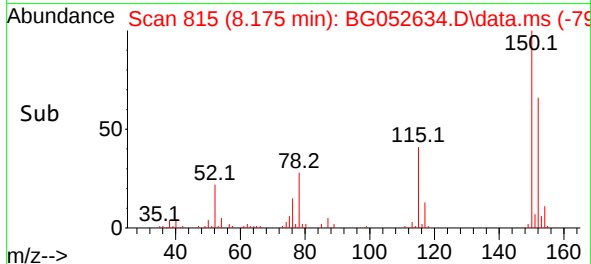
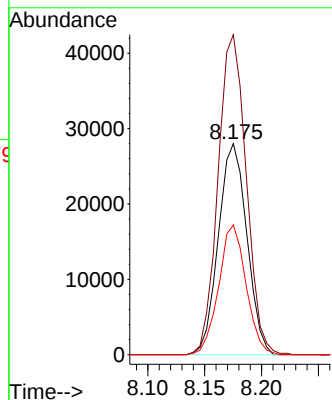
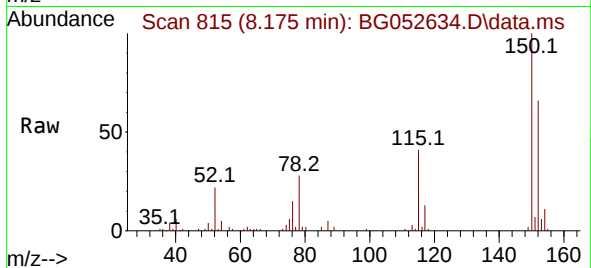




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.175 min Scan# 815
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

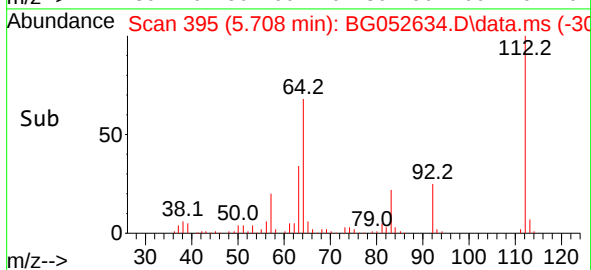
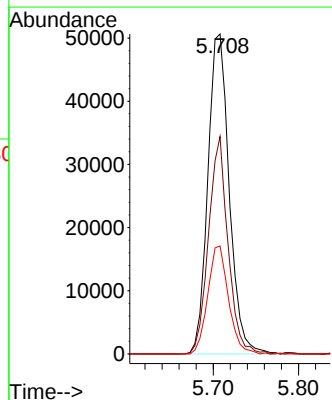
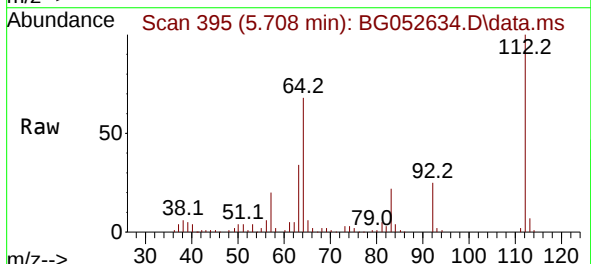
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

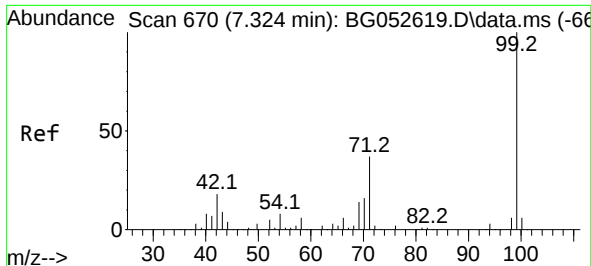
Tgt Ion:152 Resp: 48822
Ion Ratio Lower Upper
152 100
150 151.6 114.6 172.0
115 61.5 45.9 68.9



#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

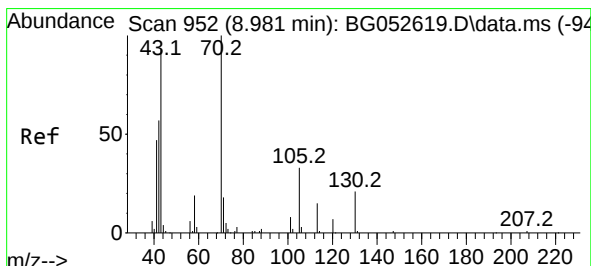
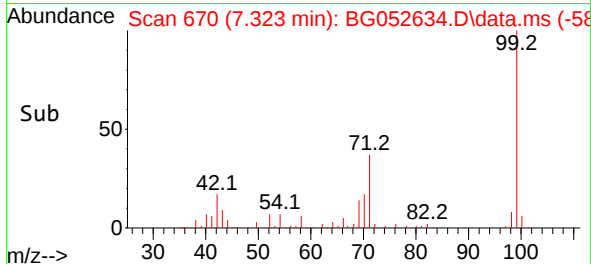
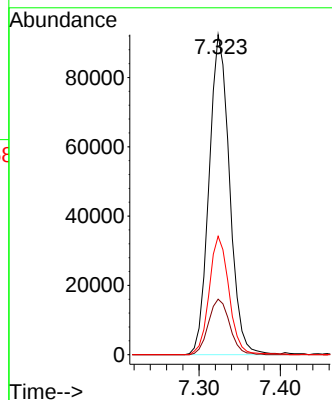
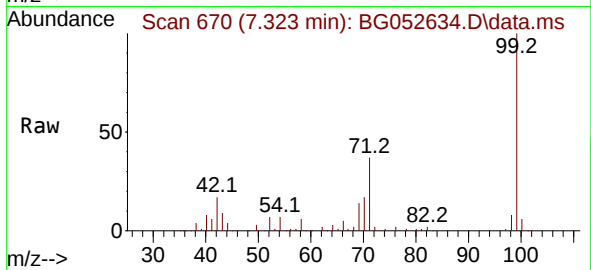




#7
Phenol-d6
Concen: 39.579 ng
RT: 7.323 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

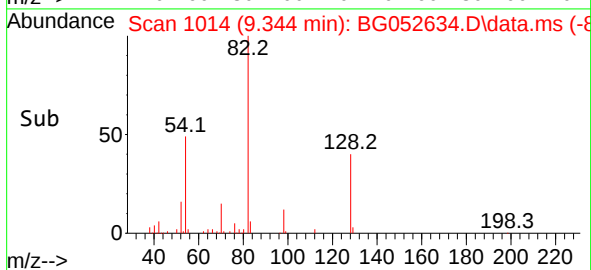
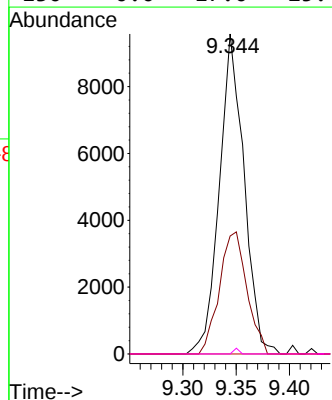
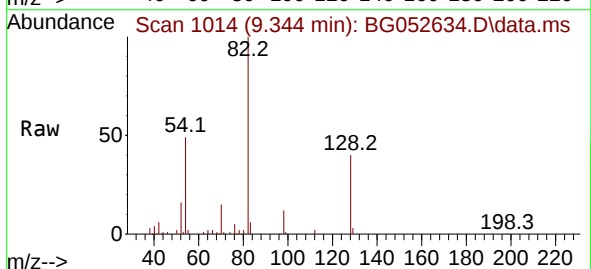
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

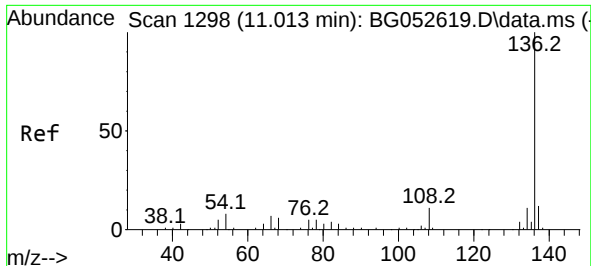
Tgt Ion: 99 Resp: 161888
Ion Ratio Lower Upper
99 100
42 17.3 14.7 22.1
71 37.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.555 ng
RT: 9.344 min Scan# 1014
Delta R.T. 0.363 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

Tgt Ion: 70 Resp: 15375
Ion Ratio Lower Upper
70 100
42 36.8 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

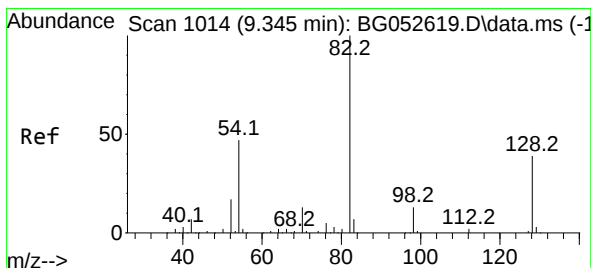
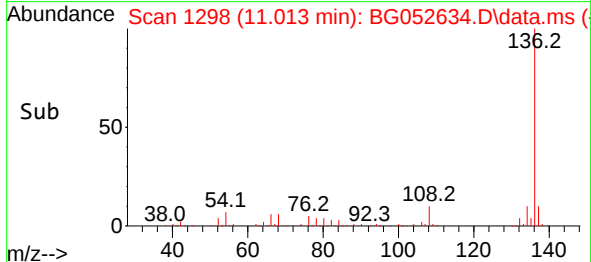
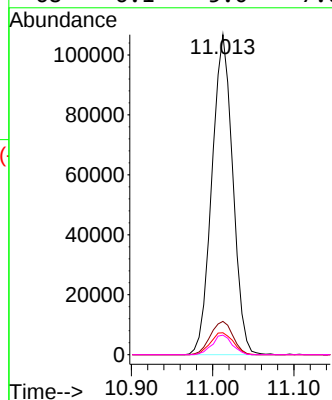
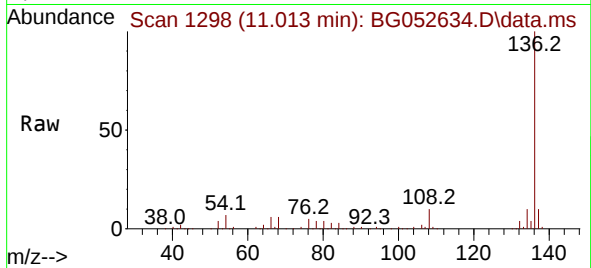




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.013 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

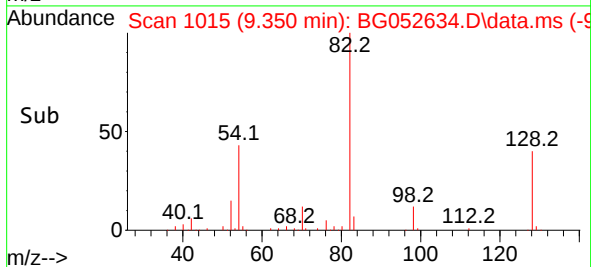
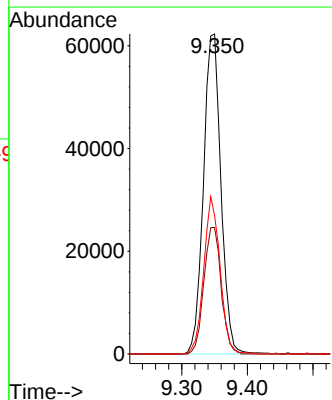
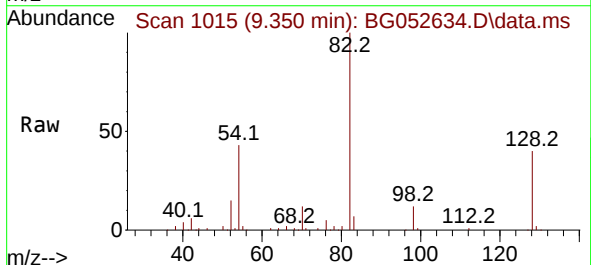
Instrument :
BNA_G
ClientSampleId :
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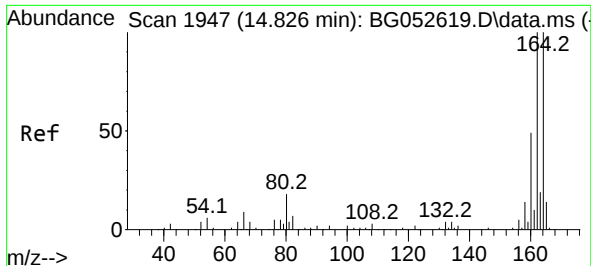
Tgt Ion:	136	Resp:	190385
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.4	14.2
54	6.8	6.4	9.6
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 27.535 ng
RT: 9.350 min Scan# 1015
Delta R.T. 0.005 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

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

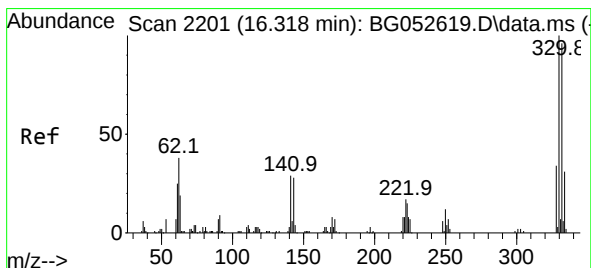
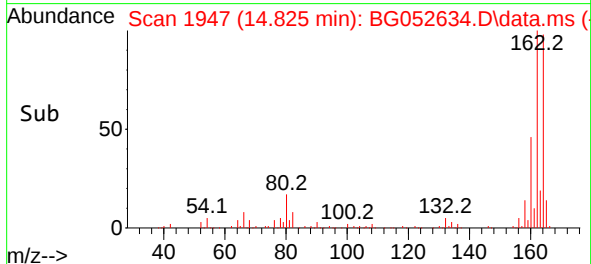
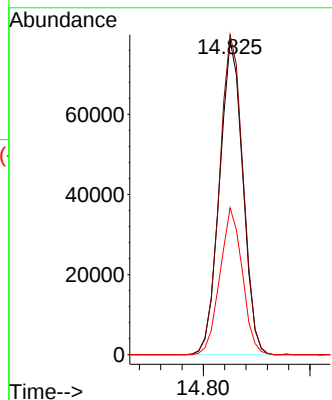
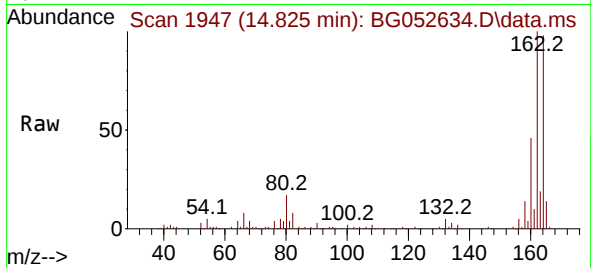




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

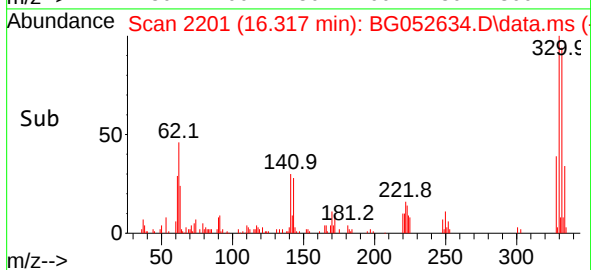
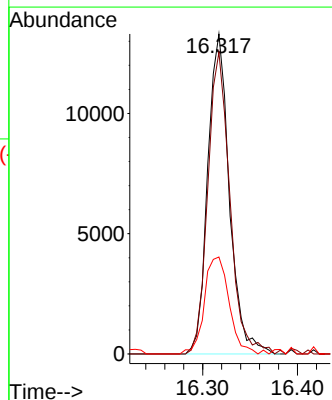
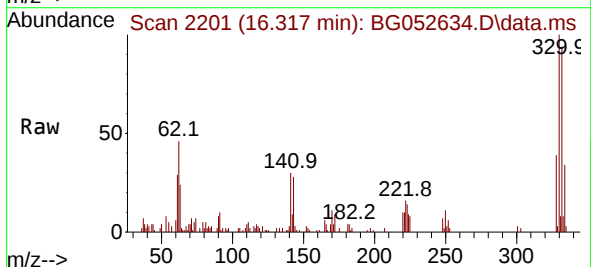
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

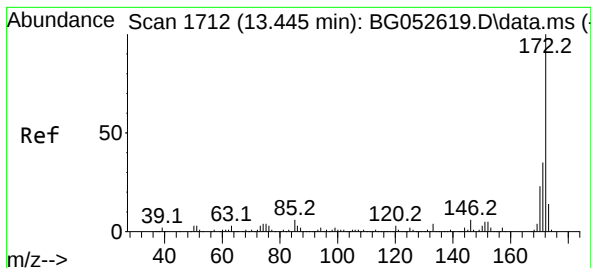
Tgt Ion:164 Resp: 118499
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 46.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 12.576 ng
RT: 16.317 min Scan# 2201
Delta R.T. -0.001 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

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

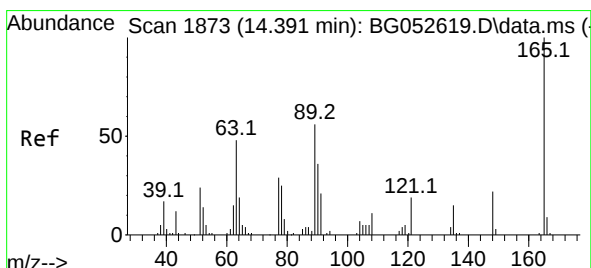
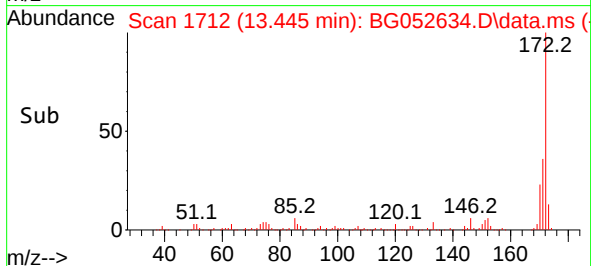
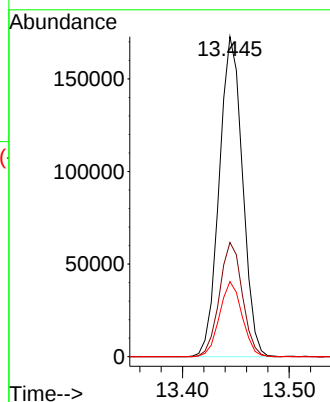
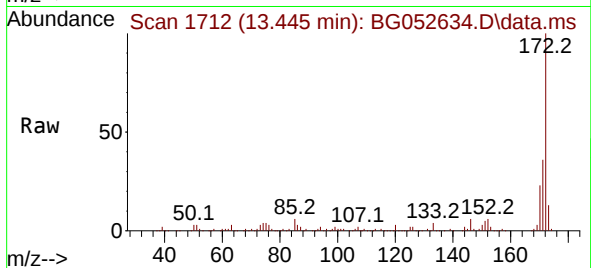




#45
2-Fluorobiphenyl
Concen: 29.828 ng
RT: 13.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

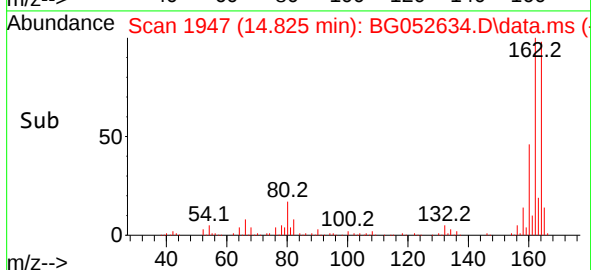
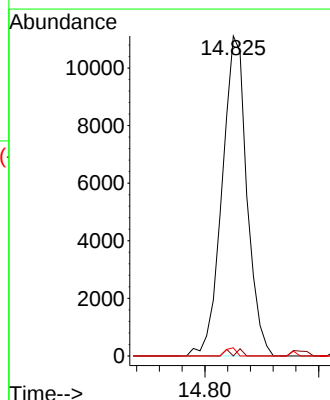
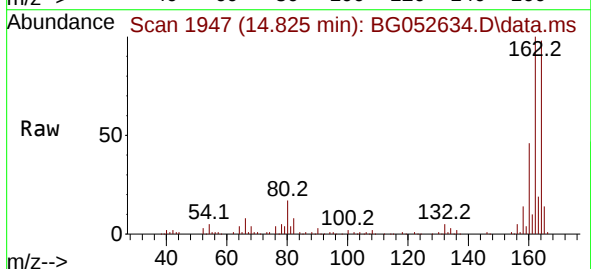
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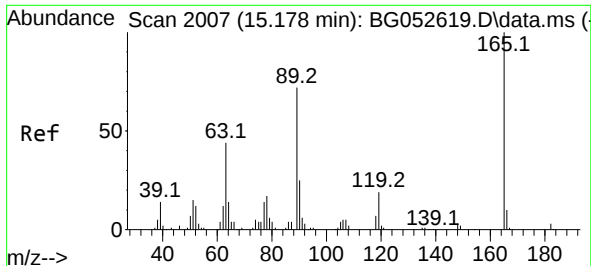
Tgt Ion:172 Resp: 261869
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.555 ng
RT: 14.825 min Scan# 1947
Delta R.T. 0.434 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

Tgt Ion:165 Resp: 16831
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.6 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 6.079 ng

RT: 14.825 min Scan# 1947

Delta R.T. -0.353 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

Instrument :

BNA_G

ClientSampleId :

SAMPLE-11

Tgt Ion:165 Resp: 16831

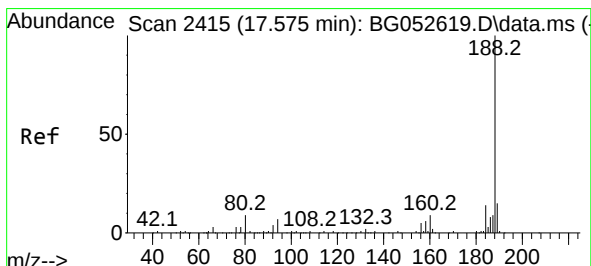
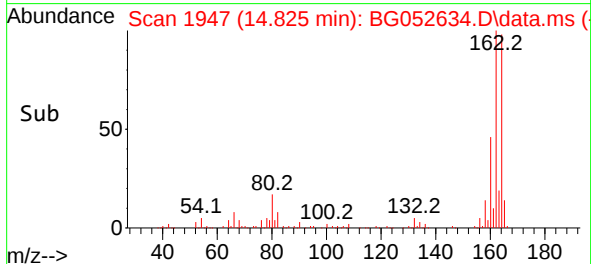
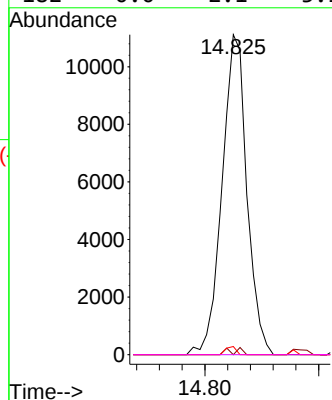
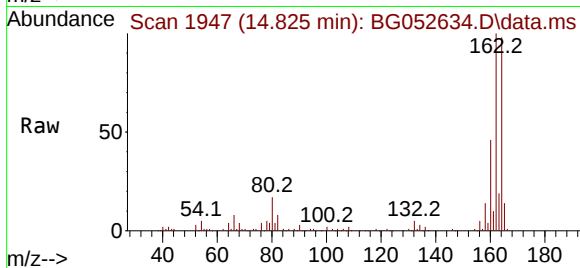
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 2.6 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: BG052634.D

Acq: 10 Mar 2022 15:02

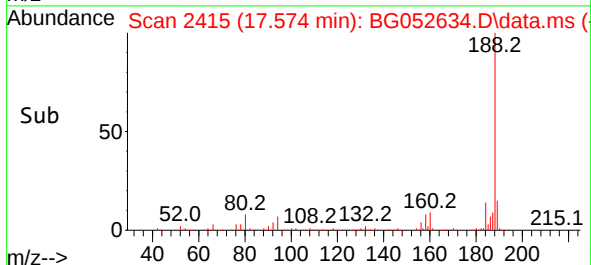
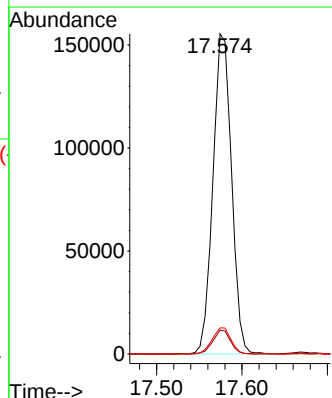
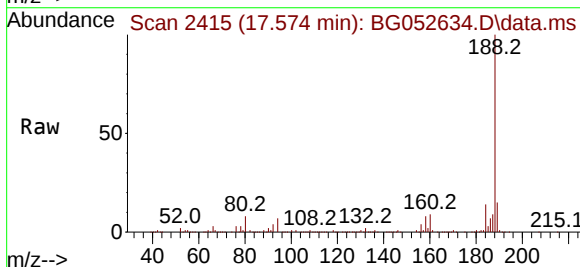
Tgt Ion:188 Resp: 234880

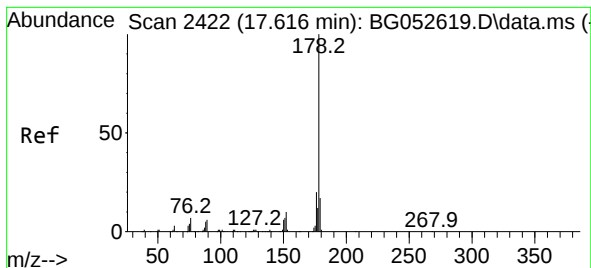
Ion Ratio Lower Upper

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# 24

Delta R.T. 0.005 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

Instrument :

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ClientSampleId :

SAMPLE-11

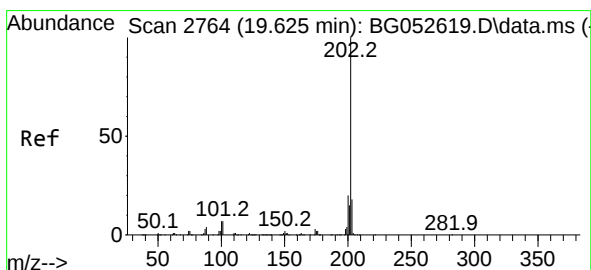
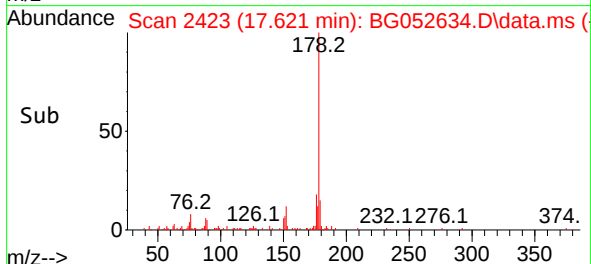
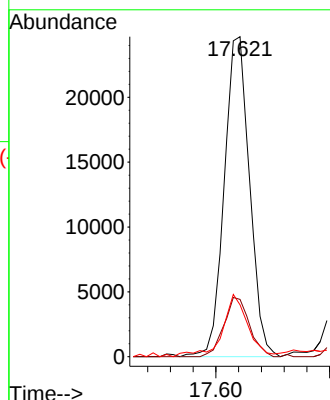
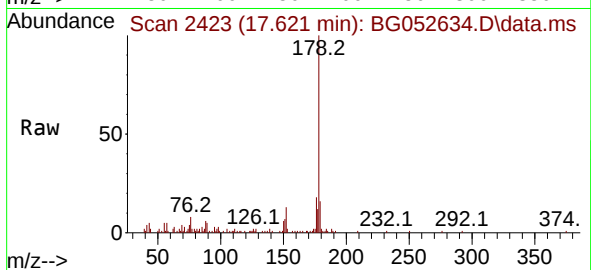
Tgt Ion:178 Resp: 38077

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# 2764

Delta R.T. -0.001 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

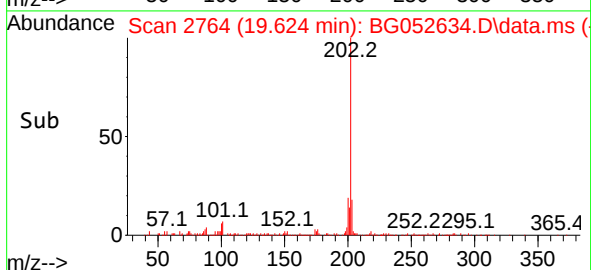
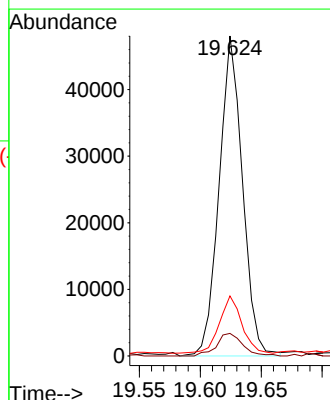
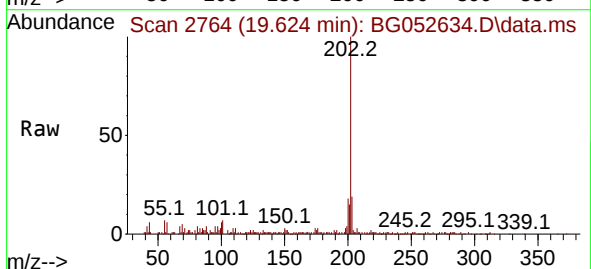
Tgt Ion:202 Resp: 64171

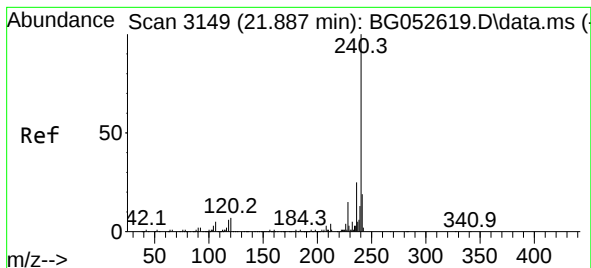
Ion Ratio Lower Upper

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

Instrument :

BNA_G

ClientSampleId :

SAMPLE-11

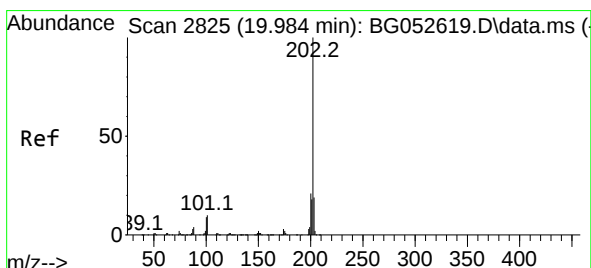
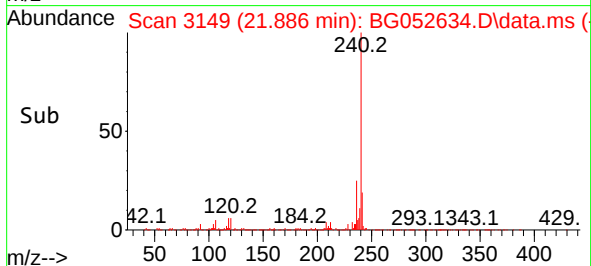
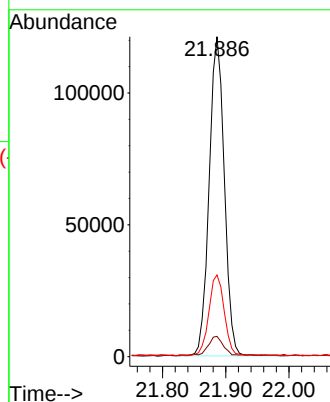
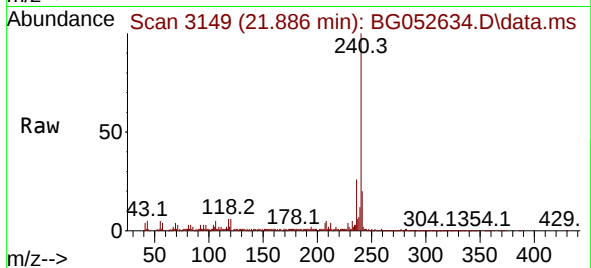
Tgt Ion:240 Resp: 201298

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

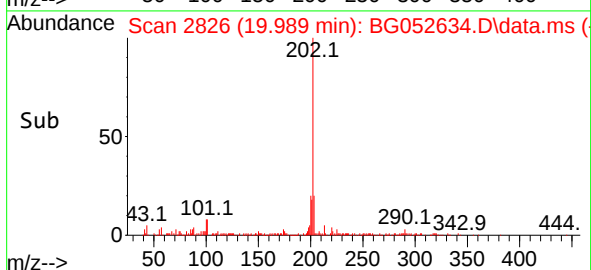
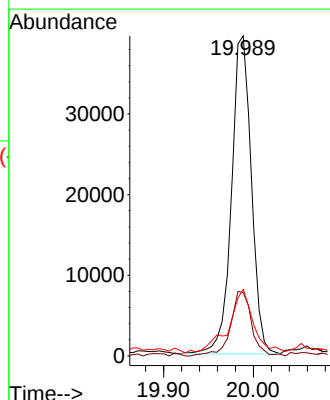
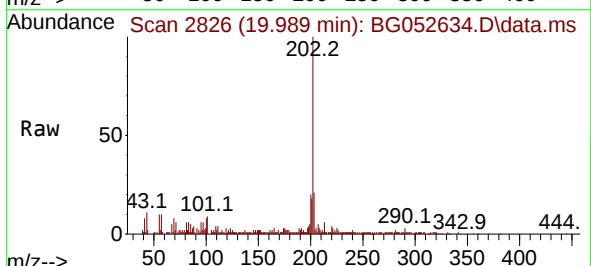
Tgt Ion:202 Resp: 60565

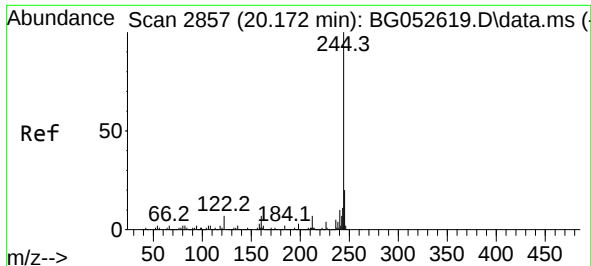
Ion Ratio Lower Upper

202 100

200 19.8 17.0 25.6

203 20.8 15.0 22.6

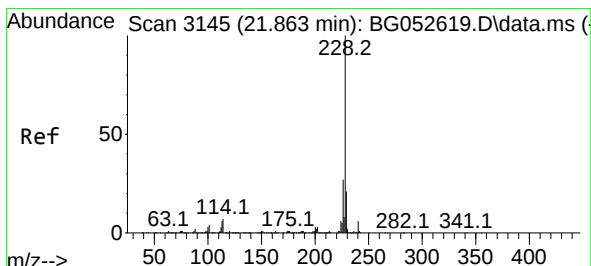
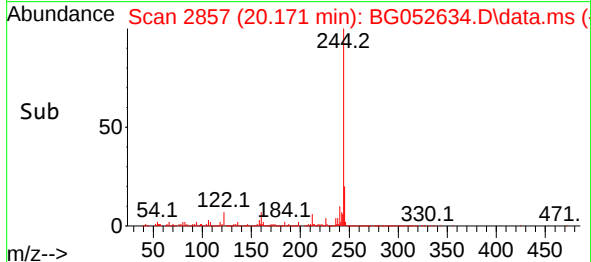
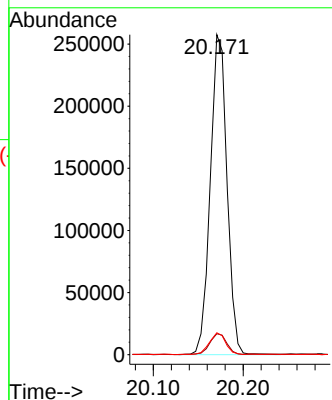
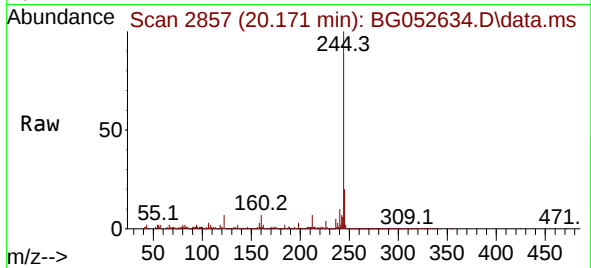




#79
 Terphenyl-d14
 Concen: 29.244 ng
 RT: 20.171 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052634.D
 Acq: 10 Mar 2022 15:02

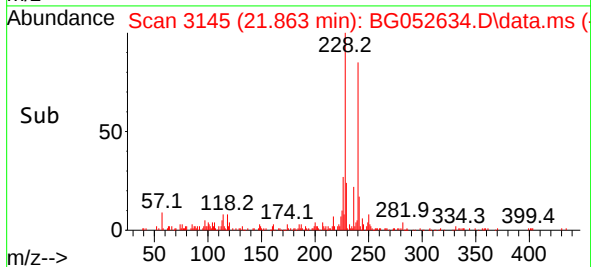
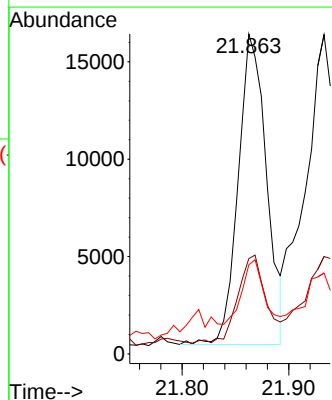
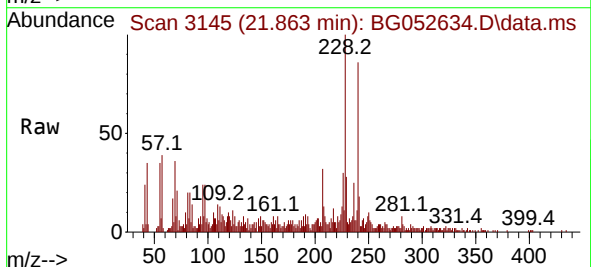
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-11

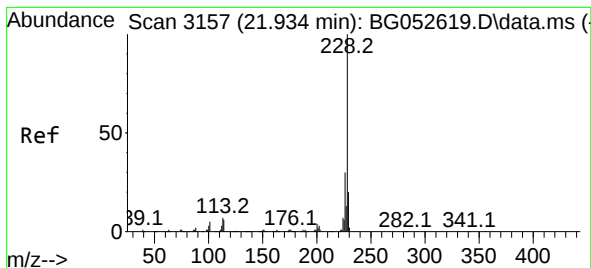
Tgt Ion:244 Resp: 332671
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 6.9 5.8 8.6



#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

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

Instrument :

BNA_G

ClientSampleId :

SAMPLE-11

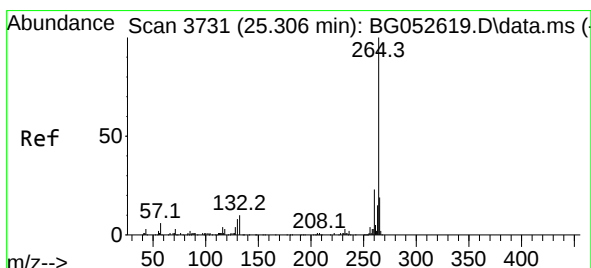
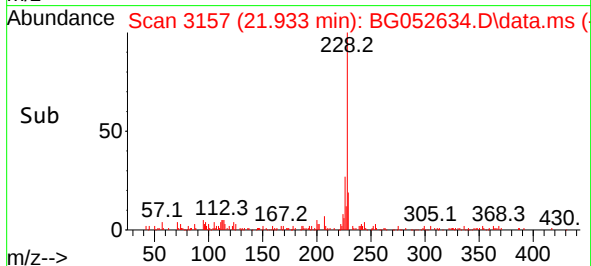
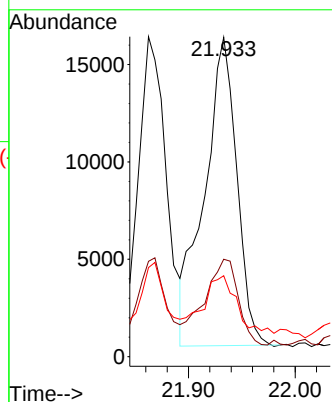
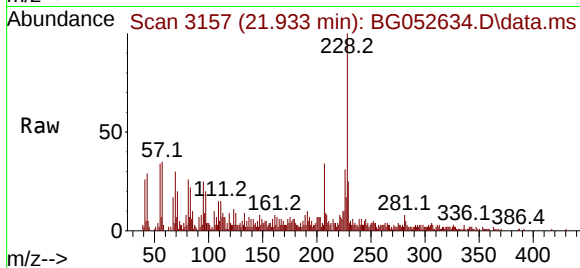
Tgt Ion:228 Resp: 33417

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# 3734

Delta R.T. 0.017 min

Lab File: BG052634.D

Acq: 10 Mar 2022 15:02

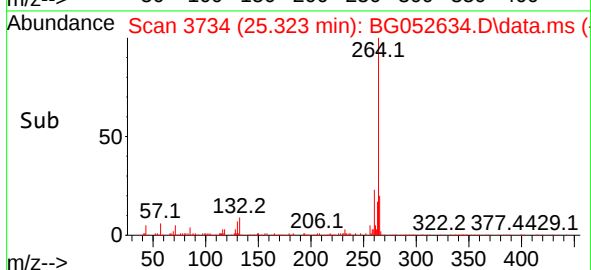
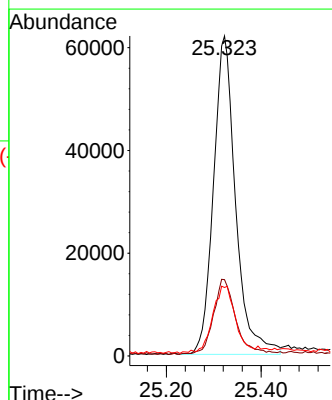
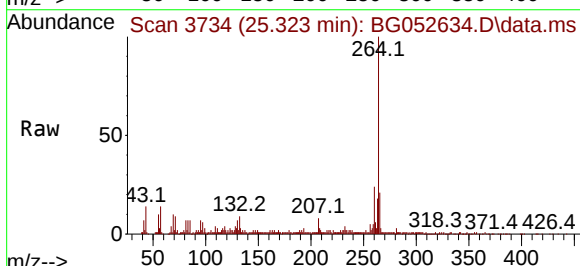
Tgt Ion:264 Resp: 200239

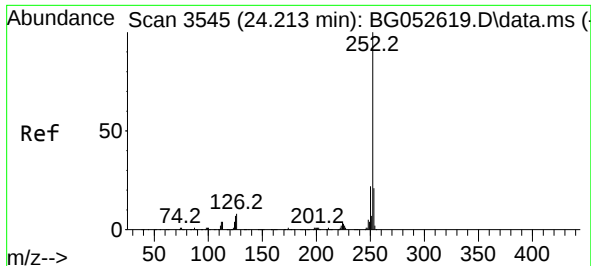
Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.4 15.1 22.7

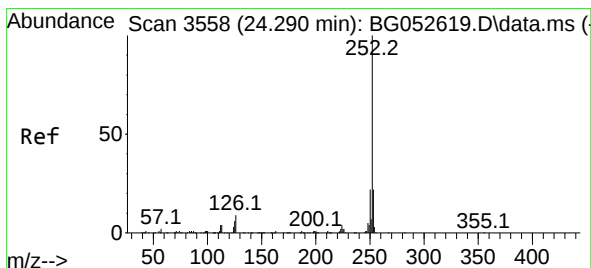
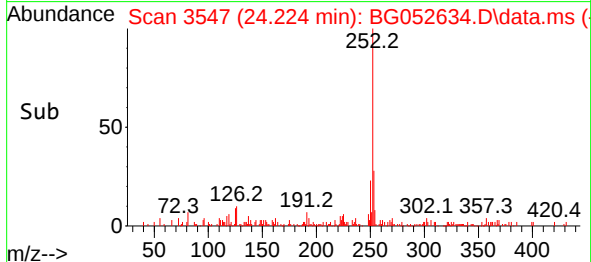
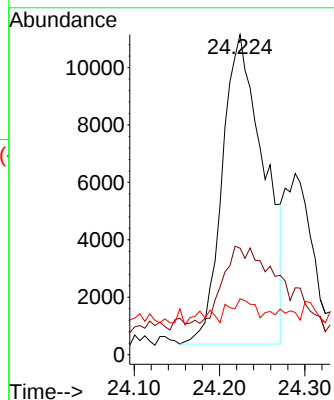
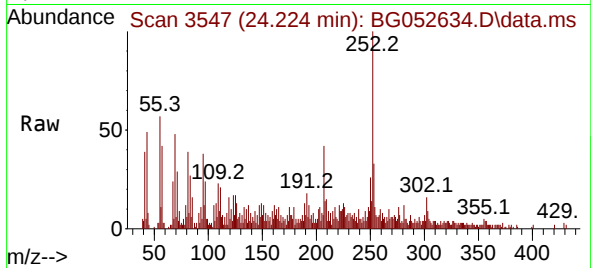




#88
Benzo(b)fluoranthene
Concen: 2.957 ng
RT: 24.224 min Scan# 3547
Delta R.T. 0.011 min
Lab File: BG052634.D
Acq: 10 Mar 2022 15:02

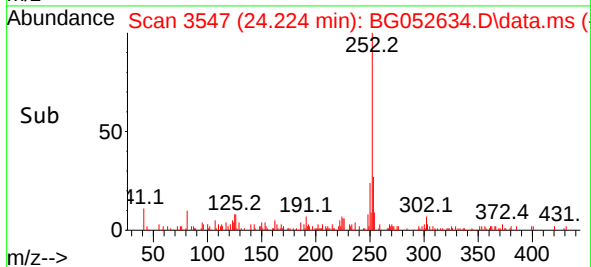
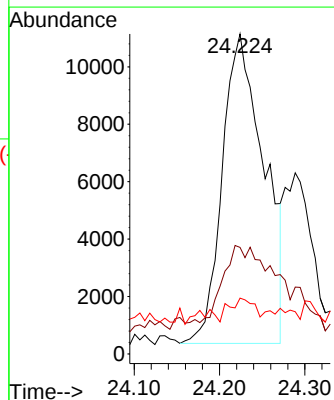
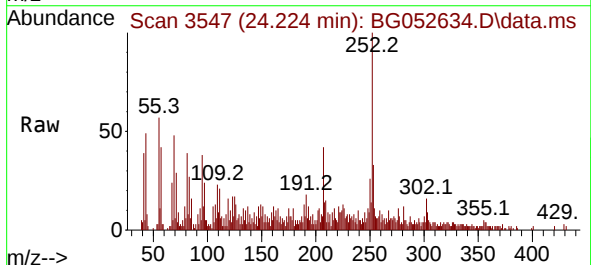
Instrument :
BNA_G
ClientSampleId :
SAMPLE-11

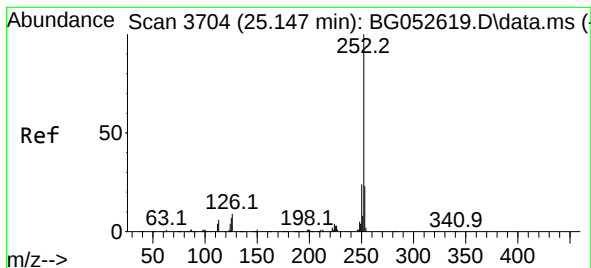
Tgt Ion:252 Resp: 36552
Ion Ratio Lower Upper
252 100
253 33.3 17.2 25.8#
125 17.5 5.2 7.8#



#89
Benzo(k)fluoranthene
Concen: 2.940 ng
RT: 24.224 min Scan# 3547
Delta R.T. -0.065 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 17.4 26.0#
125 17.5 5.0 7.4#





#90

Benzo(a)pyrene

Concen: 2.310 ng

RT: 25.158 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG052634.D

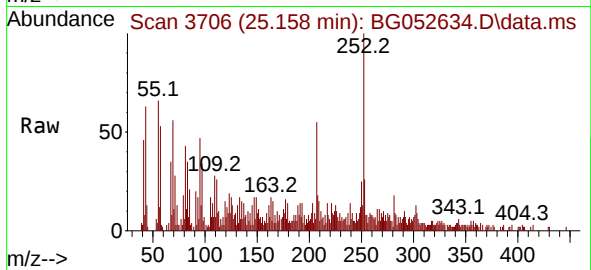
Acq: 10 Mar 2022 15:02

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#

