

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052352.D
 Acq On : 10 Feb 2022 13:42
 Operator : CG/JU
 Sample : PB142486BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

Quant Time: Feb 10 14:40:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

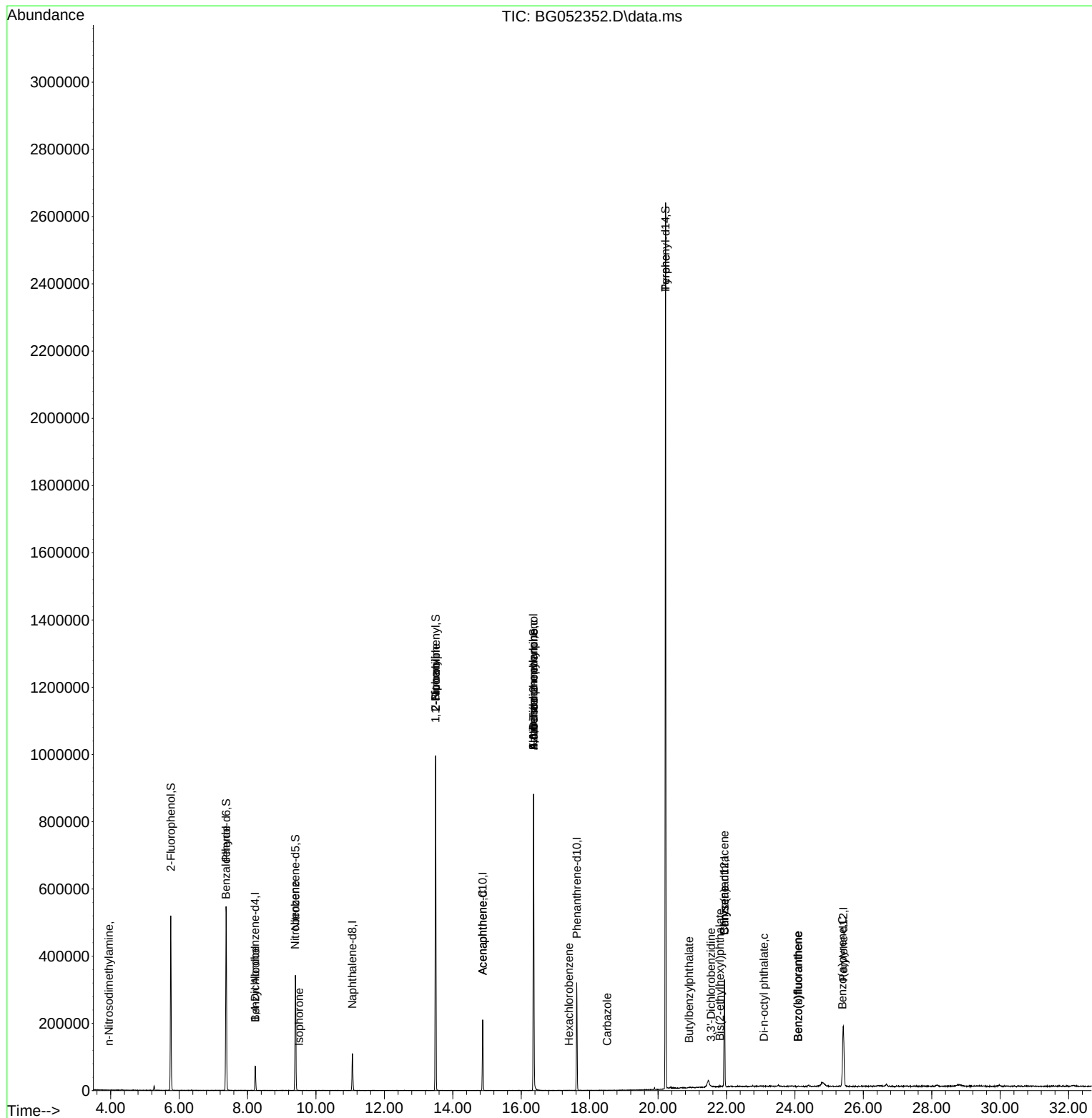
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	21059	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	96289	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	76224	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	206479	20.000	ng	0.00
76) Chrysene-d12	21.940	240	220469	20.000	ng	0.00
86) Perylene-d12	25.412	264	214642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	214506	177.527	ng	0.00
7) Phenol-d6	7.372	99	316231	169.621	ng	0.00
23) Nitrobenzene-d5	9.398	82	218562	98.650	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	191565	174.932	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	544483	99.257	ng	0.00
79) Terphenyl-d14	20.219	244	1295614	103.773	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.947	42	53	0.064	ng	# 1
9) Benzaldehyde	7.366	77	640	0.149	ng	# 8
15) Benzyl Alcohol	8.229	79	780	0.504	ng	# 51
24) Nitrobenzene	9.392	77	787	0.374	ng	# 36
25) Isophorone	9.510	82	112	0.030	ng	# 68
46) 1,1'-Biphenyl	13.493	154	929	0.166	ng	# 1
48) 2-Nitroaniline	13.499	65	884	0.577	ng	# 1
52) Acenaphthene	14.873	154	317	0.069	ng	# 4
58) Fluorene	16.359	166	5683	0.986	ng	# 81
63) Azobenzene	16.359	77	795	0.132	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.359	198	435	0.350	ng	# 1
66) n-Nitrosodiphenylamine	16.359	169	5592	0.983	ng	# 40
68) Hexachlorobenzene	17.393	284	69	0.025	ng	# 41
73) Carbazole	18.509	167	61	0.006	ng	# 59
78) Pyrene	20.219	202	4543	0.308	ng	# 59
80) Butylbenzylphthalate	20.906	149	69	0.013	ng	# 19
81) Benzo(a)anthracene	21.940	228	664	0.046	ng	# 52
82) 3,3'-Dichlorobenzidine	21.546	252	57	0.011	ng	# 24
83) Chrysene	21.940	228	664	0.048	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.805	149	189	0.027	ng	# 54
85) Di-n-octyl phthalate	23.091	149	57	0.005	ng	# 1
88) Benzo(b)fluoranthene	24.090	252	53	0.004	ng	# 59
89) Benzo(k)fluoranthene	24.090	252	53	0.004	ng	# 60
90) Benzo(a)pyrene	25.388	252	134	0.012	ng	# 60

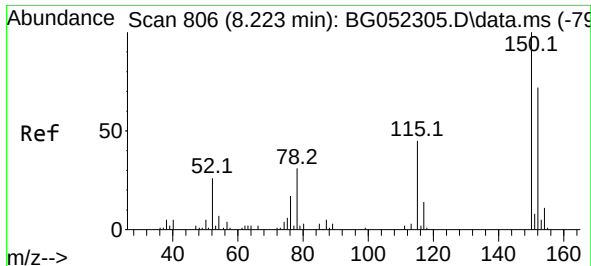
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
Data File : BG052352.D
Acq On : 10 Feb 2022 13:42
Operator : CG/JU
Sample : PB142486BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142486BL

Quant Time: Feb 10 14:40:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

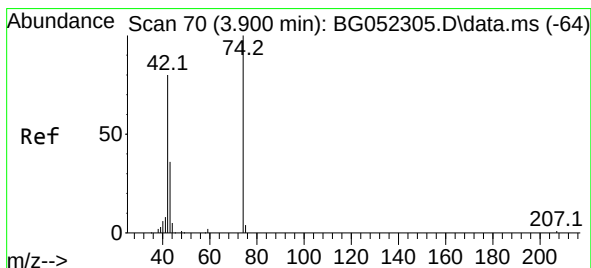
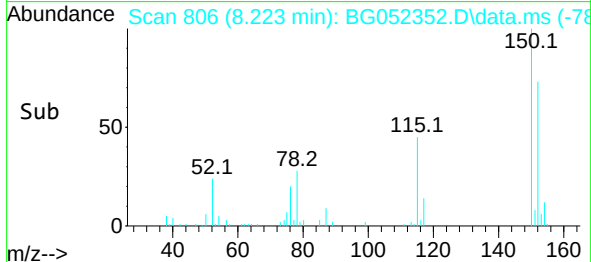
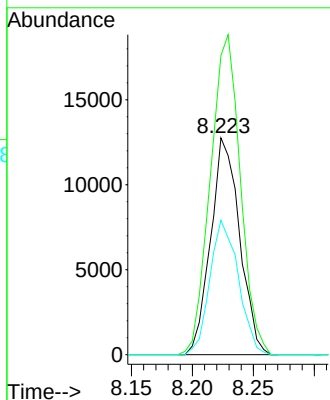
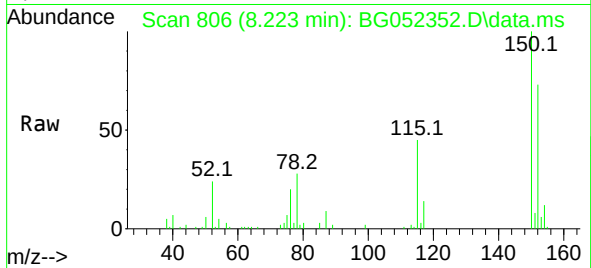




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.223 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

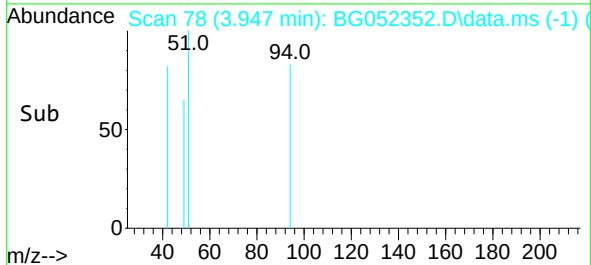
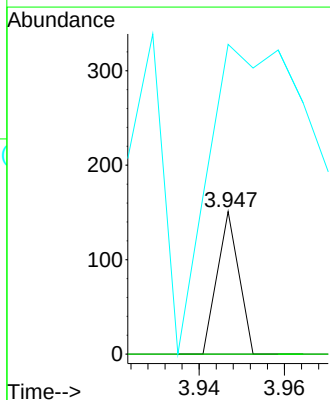
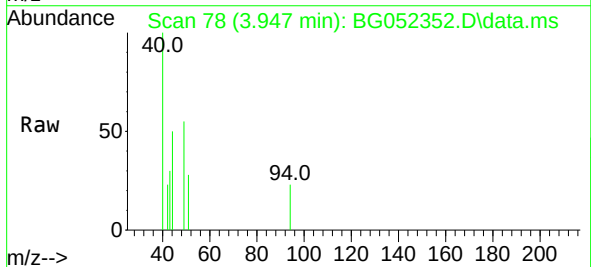
Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

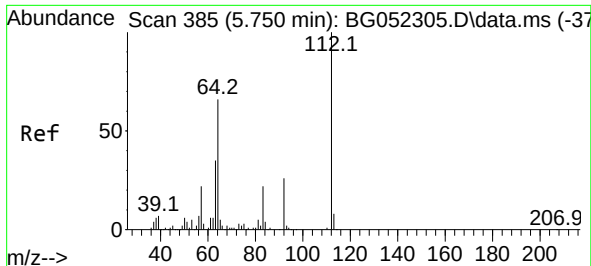
Tgt Ion:152 Resp: 21059
 Ion Ratio Lower Upper
 152 100
 150 137.9 117.8 176.8
 115 62.0 50.2 75.2



#4
 n-Nitrosodimethylamine
 Concen: 0.064 ng
 RT: 3.947 min Scan# 78
 Delta R.T. 0.047 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

Tgt Ion: 42 Resp: 53
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.0 124.4#
 44 217.2 5.0 7.6#

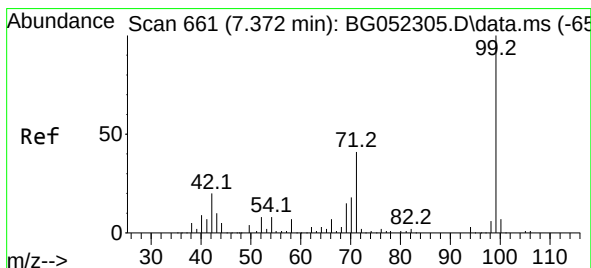
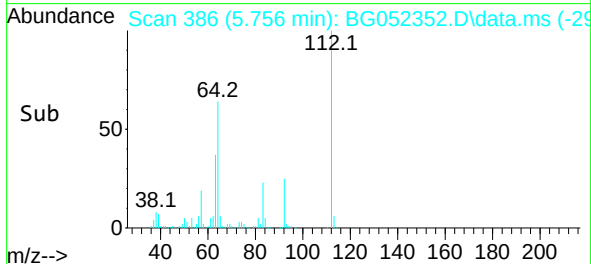
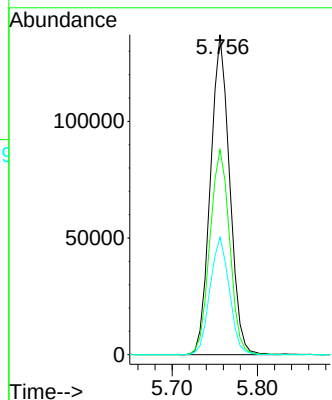
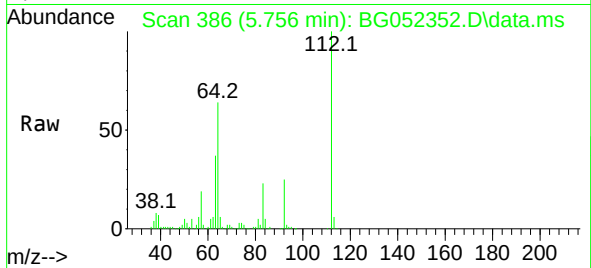




#5
2-Fluorophenol
Concen: 177.527 ng
RT: 5.756 min Scan# 385
Delta R.T. 0.006 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

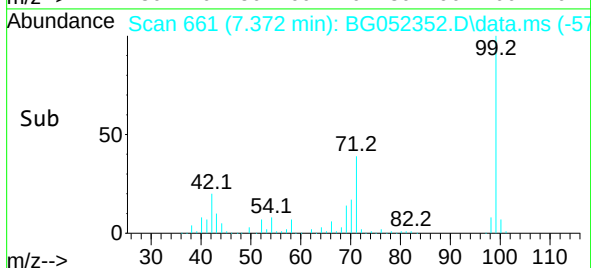
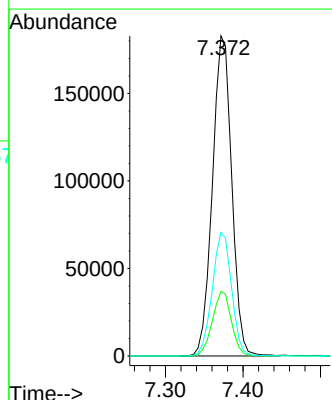
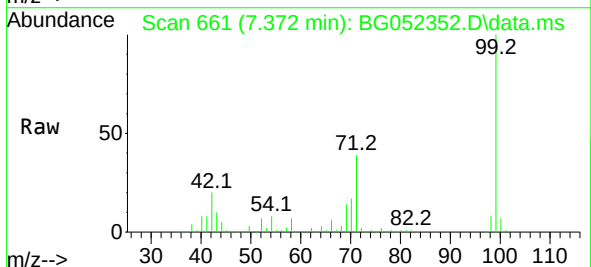
Instrument :
BNA_G
ClientSampleId :
PB142486BL

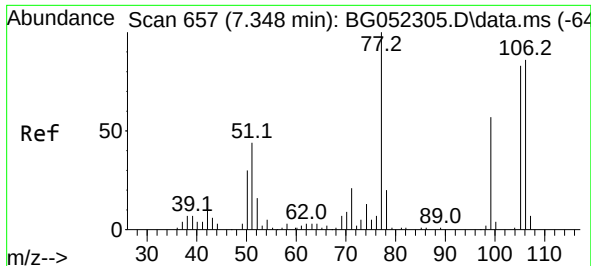
Tgt Ion:112 Resp: 214506
Ion Ratio Lower Upper
112 100
64 64.0 60.4 90.6
63 36.7 33.3 49.9



#7
Phenol-d6
Concen: 169.621 ng
RT: 7.372 min Scan# 661
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion: 99 Resp: 316231
Ion Ratio Lower Upper
99 100
42 20.1 19.1 28.7
71 38.6 33.4 50.2

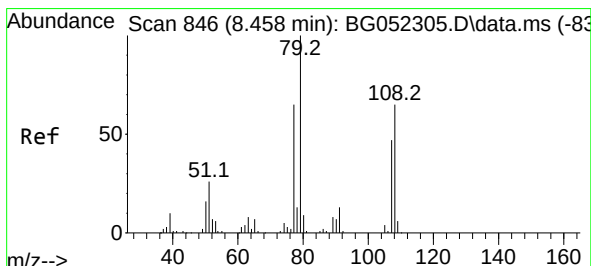
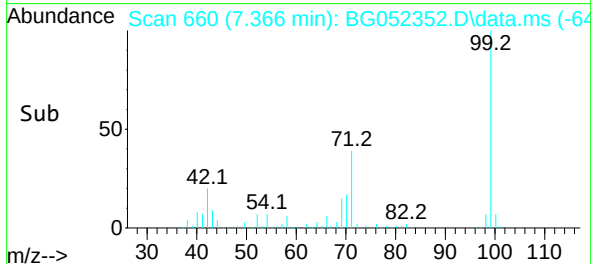
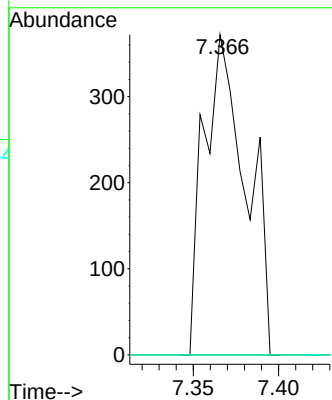
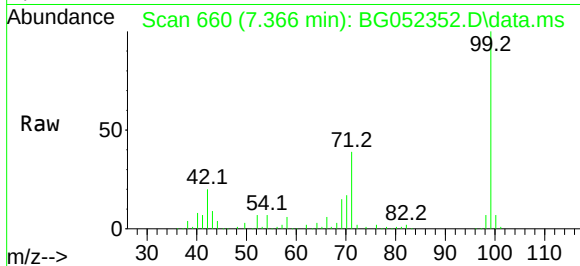




#9
Benzaldehyde
Concen: 0.149 ng
RT: 7.366 min Scan# 60
Delta R.T. 0.018 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

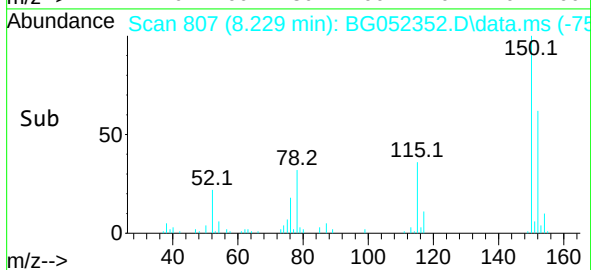
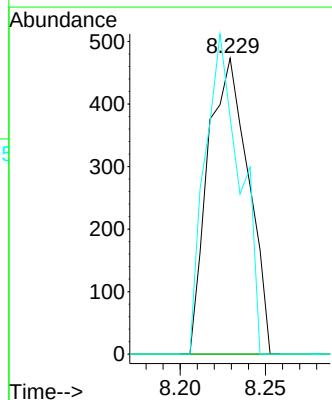
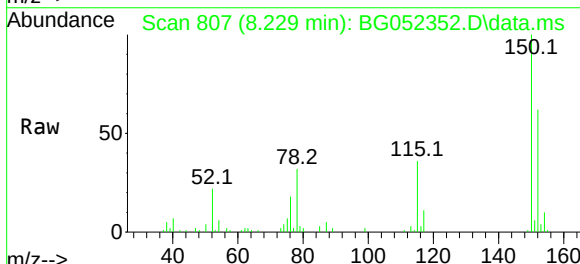
Instrument :
BNA_G
ClientSampleId :
PB142486BL

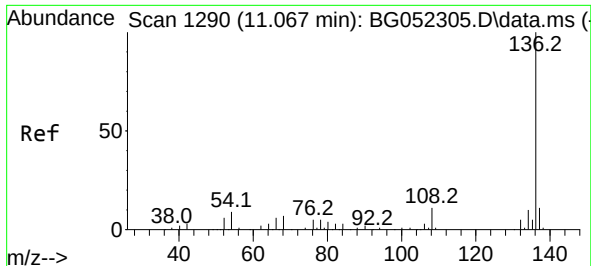
Tgt Ion: 77 Resp: 640
Ion Ratio Lower Upper
77 100
105 0.0 66.1 106.1#
106 0.0 58.1 98.1#



#15
Benzyl Alcohol
Concen: 0.504 ng
RT: 8.229 min Scan# 807
Delta R.T. -0.229 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

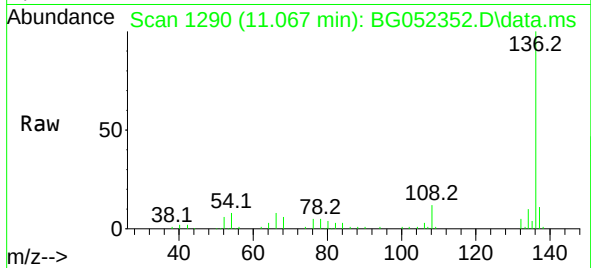
Tgt Ion: 79 Resp: 780
Ion Ratio Lower Upper
79 100
108 0.0 53.8 80.6#
77 80.1 54.4 81.6



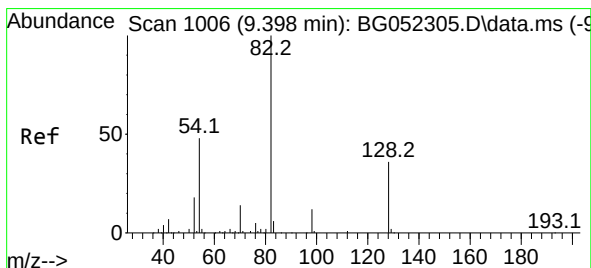
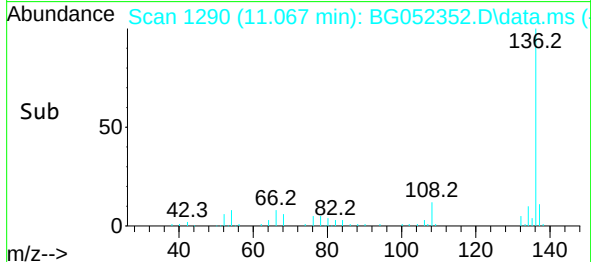
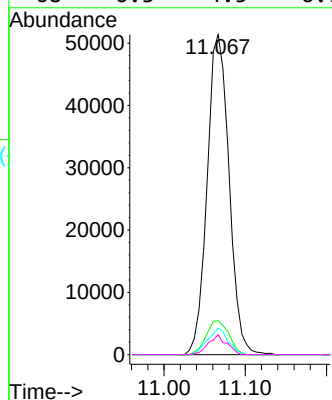


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB142486BL

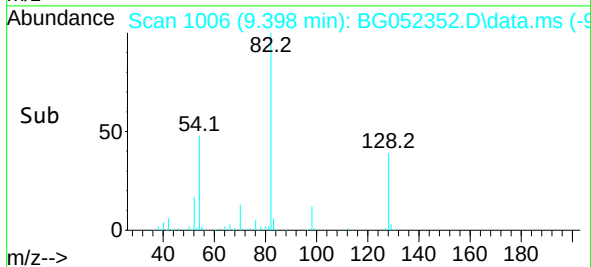
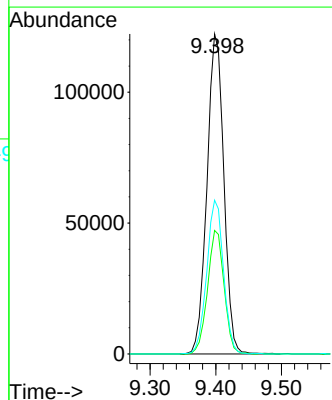
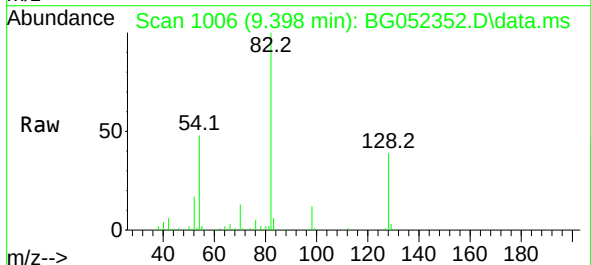


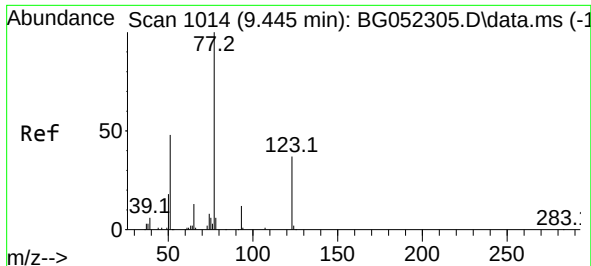
Tgt Ion:	136	Resp:	96289
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	8.3	8.3	12.5
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 98.650 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:	82	Resp:	218562
Ion Ratio	Lower	Upper	
82	100		
128	38.6	27.0	40.4
54	48.0	41.0	61.6

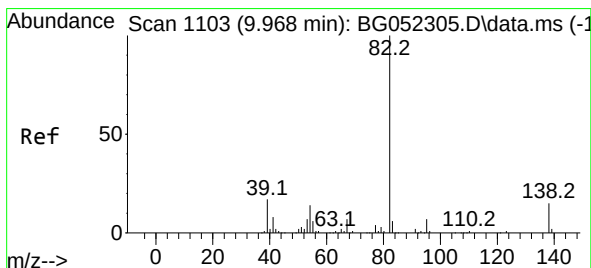
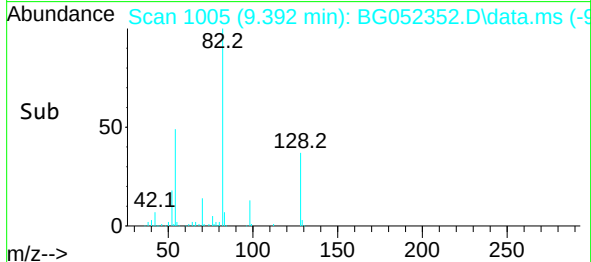
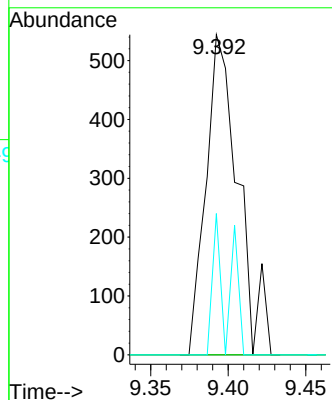
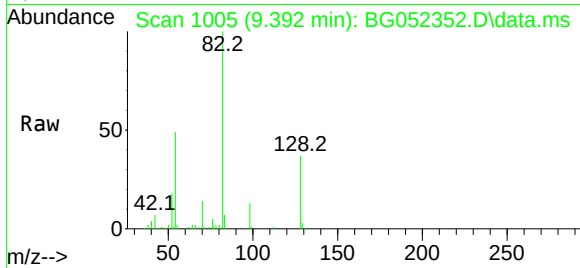




#24
Nitrobenzene
Concen: 0.374 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.053 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

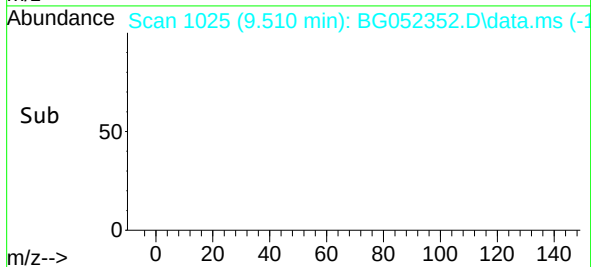
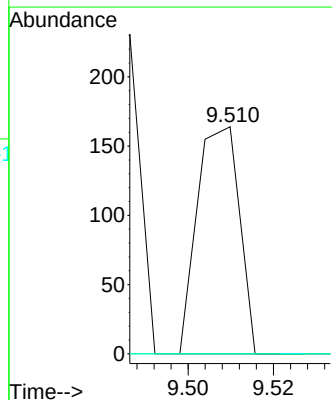
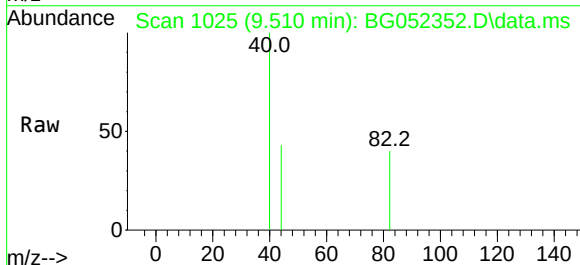
Instrument :
BNA_G
ClientSampleId :
PB142486BL

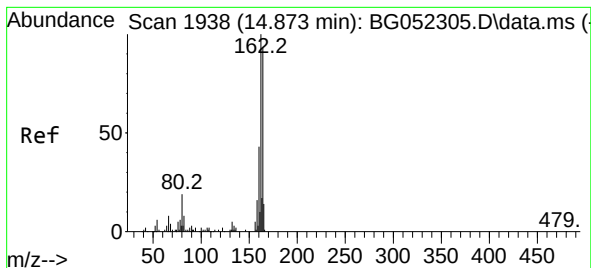
Tgt Ion: 77 Resp: 787
Ion Ratio Lower Upper
77 100
123 0.0 27.1 40.7#
65 44.1 11.2 16.8#



#25
Isophorone
Concen: 0.030 ng
RT: 9.510 min Scan# 1025
Delta R.T. -0.458 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion: 82 Resp: 112
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.873 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BG052352.D

Acq: 10 Feb 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB142486BL

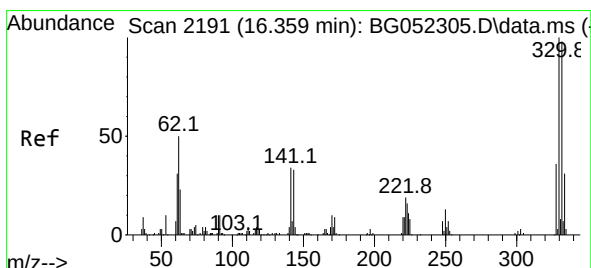
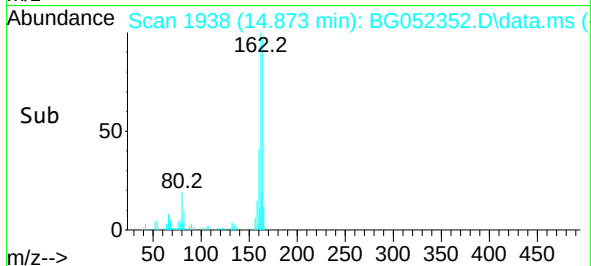
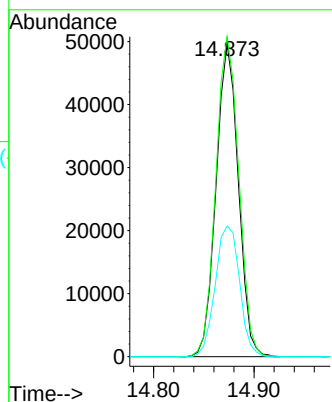
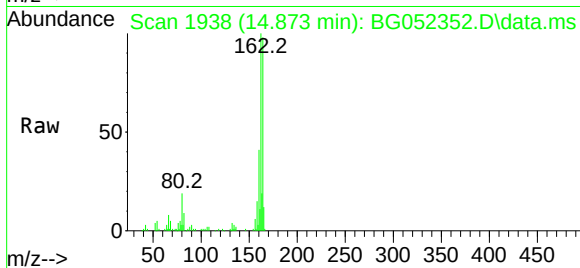
Tgt Ion:164 Resp: 76224

Ion Ratio Lower Upper

164 100

162 102.2 82.2 123.2

160 41.7 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 174.932 ng

RT: 16.359 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BG052352.D

Acq: 10 Feb 2022 13:42

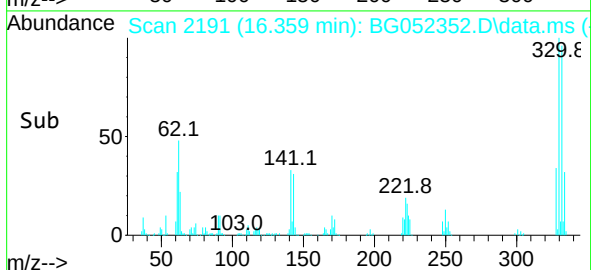
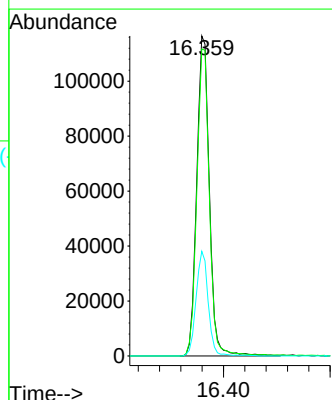
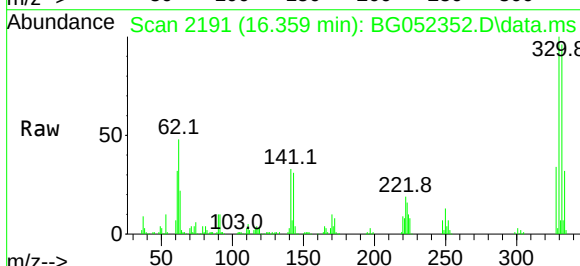
Tgt Ion:330 Resp: 191565

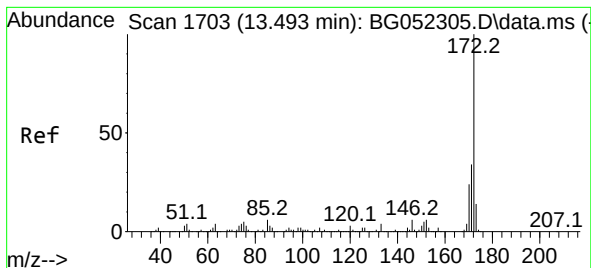
Ion Ratio Lower Upper

330 100

332 95.0 78.6 117.8

141 31.5 28.8 43.2

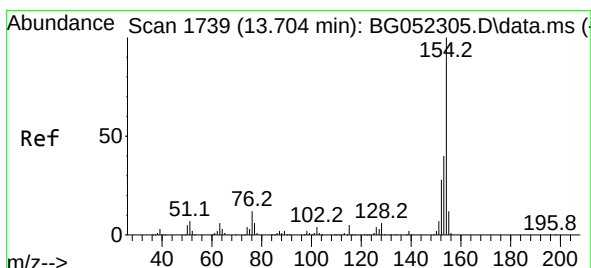
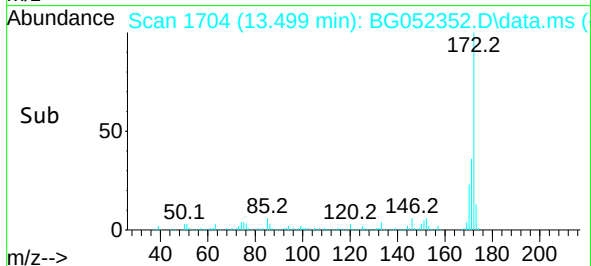
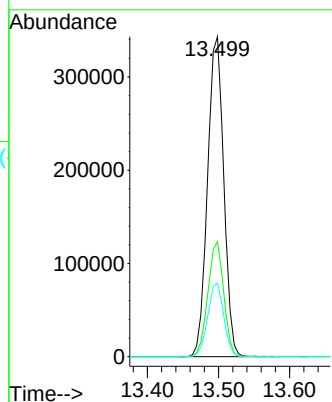
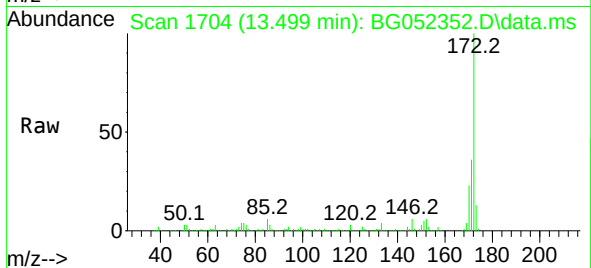




#45
2-Fluorobiphenyl
Concen: 99.257 ng
RT: 13.499 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

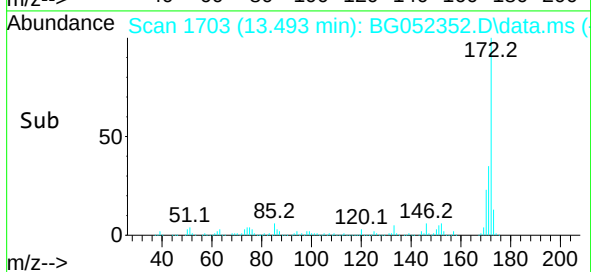
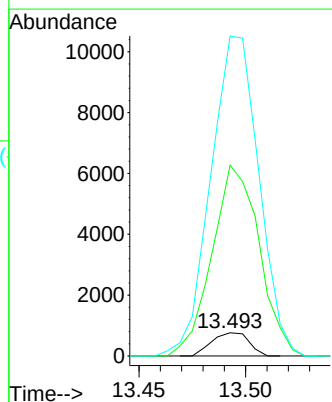
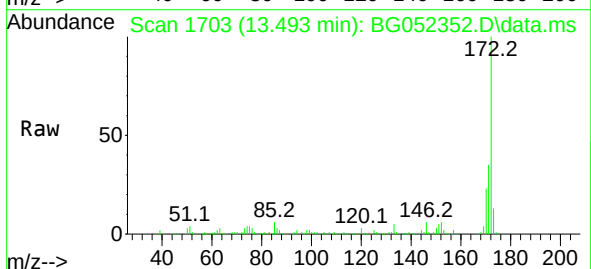
Instrument :
BNA_G
ClientSampleId :
PB142486BL

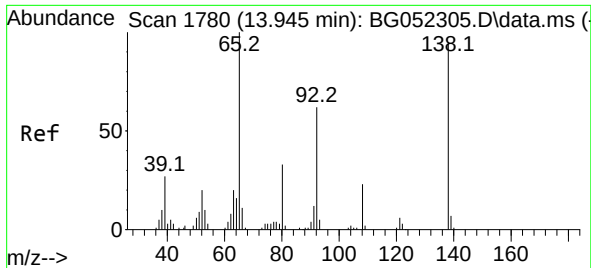
Tgt Ion:172 Resp: 544483
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.0 18.3 27.5



#46
1,1'-Biphenyl
Concen: 0.166 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.212 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:154 Resp: 929
Ion Ratio Lower Upper
154 100
153 822.7 21.1 61.1#
76 1378.6 0.0 32.6#

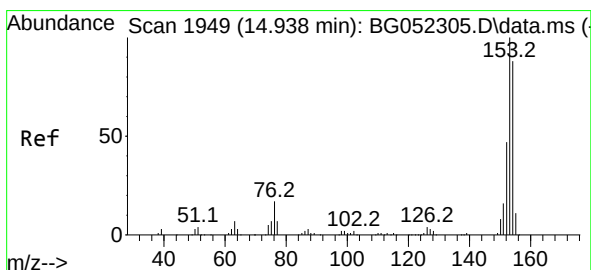
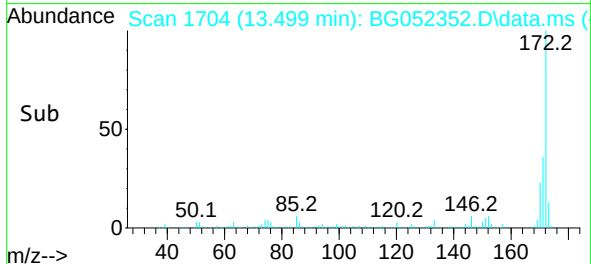
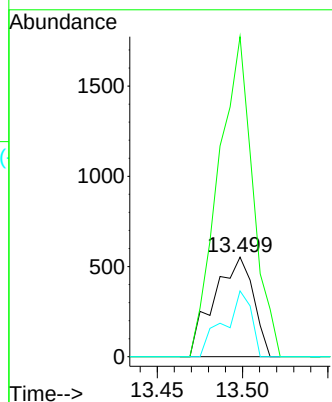
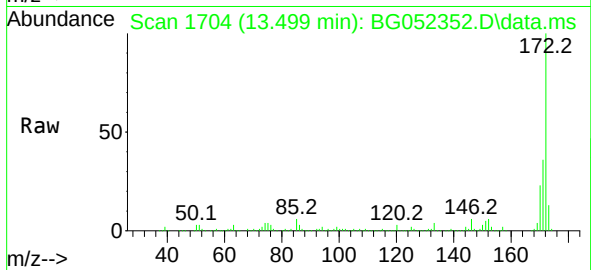




#48
2-Nitroaniline
Concen: 0.577 ng
RT: 13.499 min Scan# 11
Delta R.T. -0.446 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

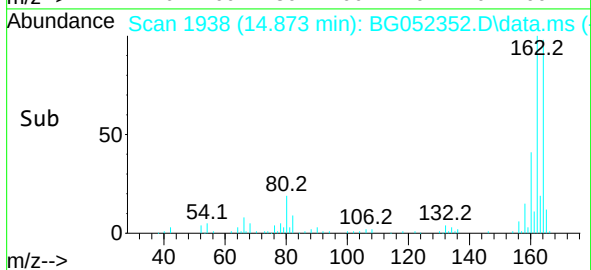
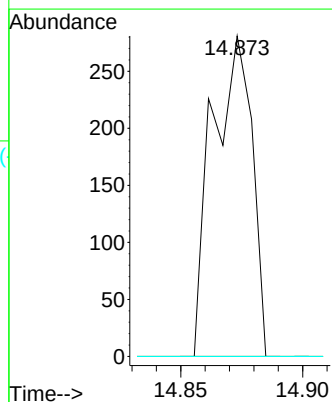
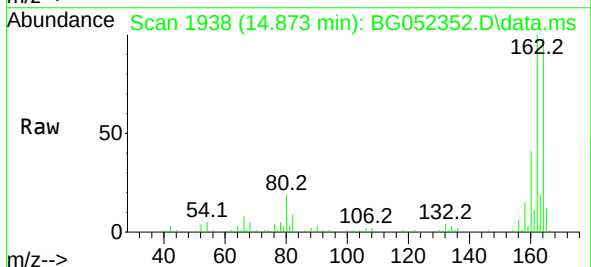
Instrument :
BNA_G
ClientSampleId :
PB142486BL

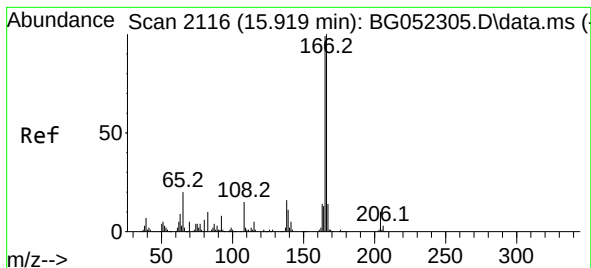
Tgt Ion: 65 Resp: 884
Ion Ratio Lower Upper
65 100
92 321.4 51.0 76.6#
138 66.1 72.4 108.6#



#52
Acenaphthene
Concen: 0.069 ng
RT: 14.873 min Scan# 1938
Delta R.T. -0.065 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:154 Resp: 317
Ion Ratio Lower Upper
154 100
153 0.0 91.9 137.9#
152 0.0 43.4 65.2#





#58

Fluorene

Concen: 0.986 ng

RT: 16.359 min Scan# 2116

Delta R.T. 0.441 min

Lab File: BG052352.D

Acq: 10 Feb 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB142486BL

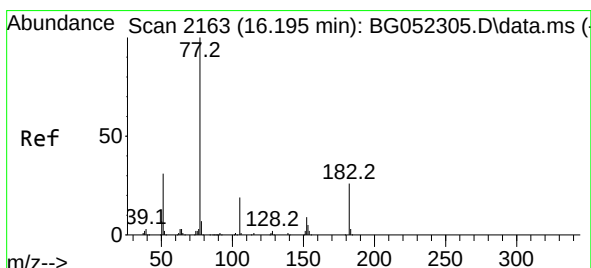
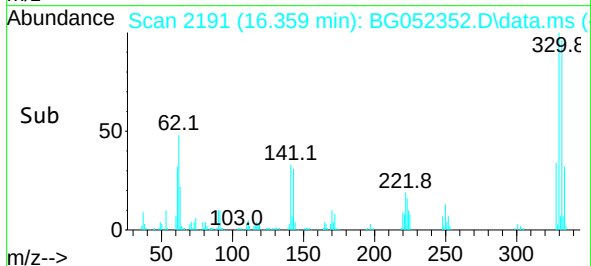
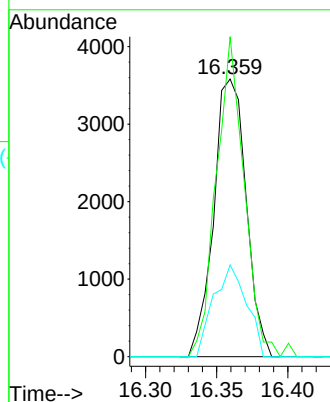
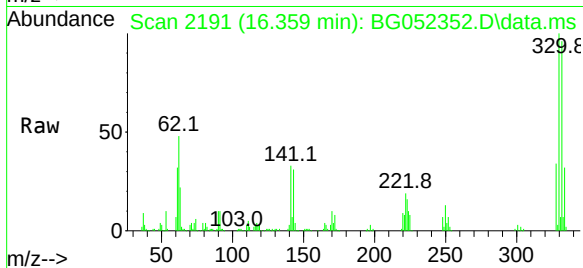
Tgt Ion:166 Resp: 5683

Ion Ratio Lower Upper

166 100

165 115.3 80.0 120.0

167 33.0 11.1 16.7#



#63

Azobenzene

Concen: 0.132 ng

RT: 16.359 min Scan# 2191

Delta R.T. 0.164 min

Lab File: BG052352.D

Acq: 10 Feb 2022 13:42

Tgt Ion: 77 Resp: 795

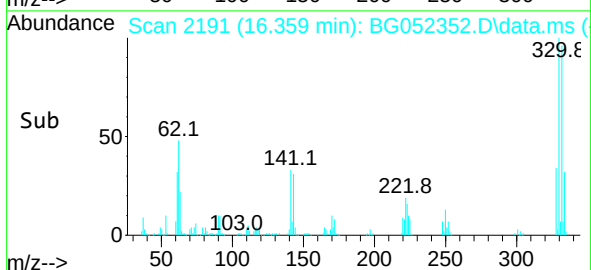
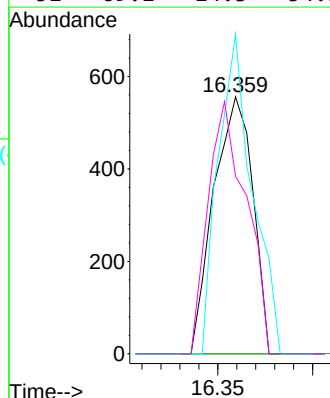
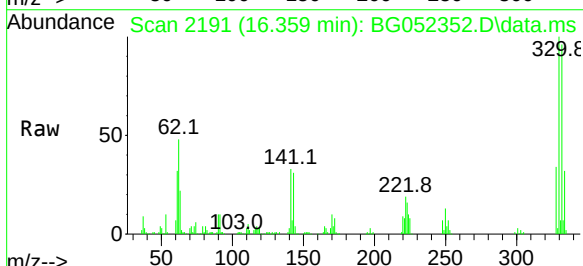
Ion Ratio Lower Upper

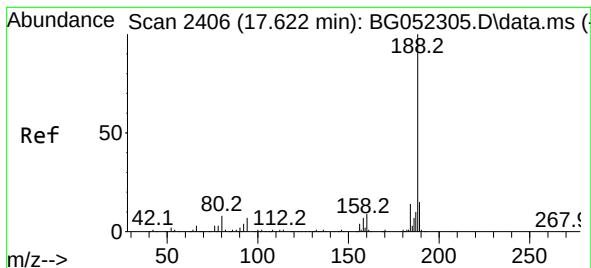
77 100

182 0.0 4.1 44.1#

105 124.5 0.0 37.5#

51 69.1 14.3 54.3#

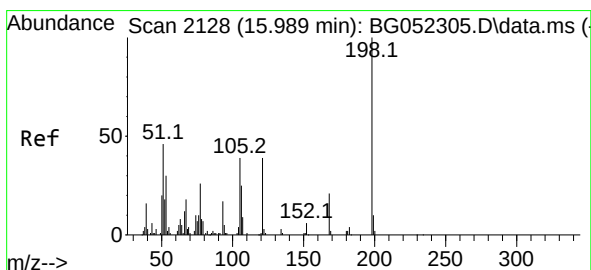
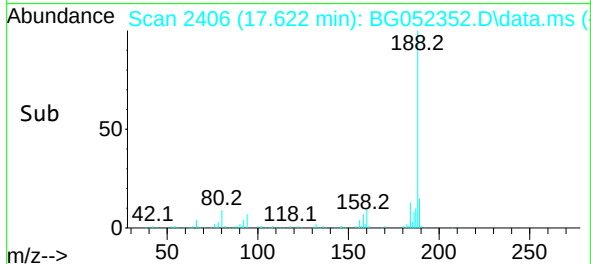
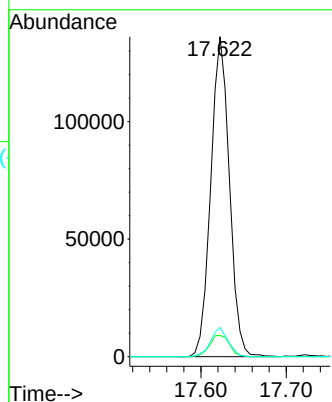
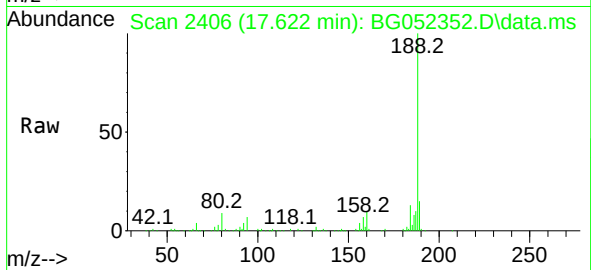




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

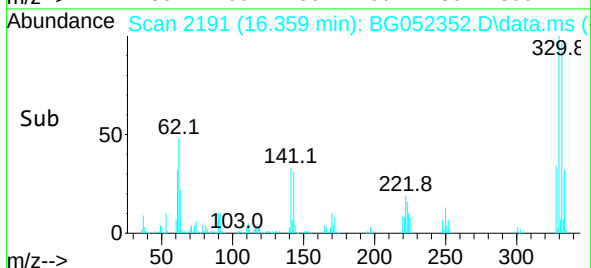
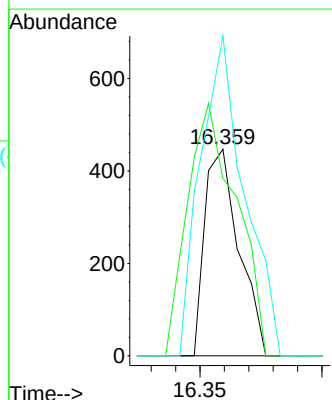
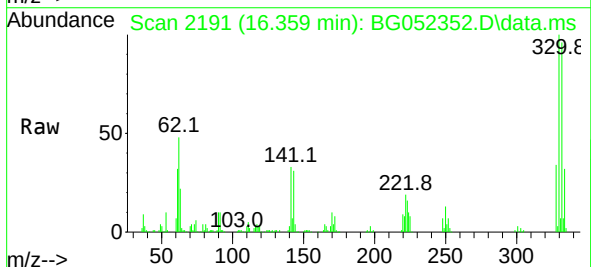
Instrument :
BNA_G
ClientSampleId :
PB142486BL

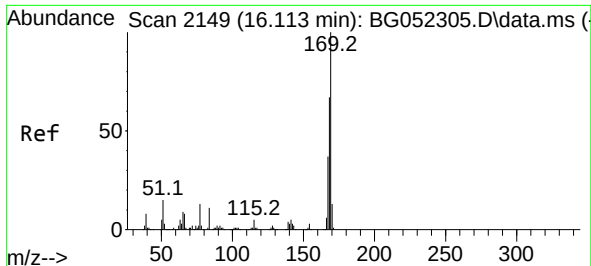
Tgt Ion:188 Resp: 206479
Ion Ratio Lower Upper
188 100
94 6.6 5.9 8.9
80 9.1 6.6 10.0



#65
4,6-Dinitro-2-methylphenol
Concen: 0.350 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.370 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:198 Resp: 435
Ion Ratio Lower Upper
198 100
51 85.9 31.6 71.6#
105 154.8 22.3 62.3#

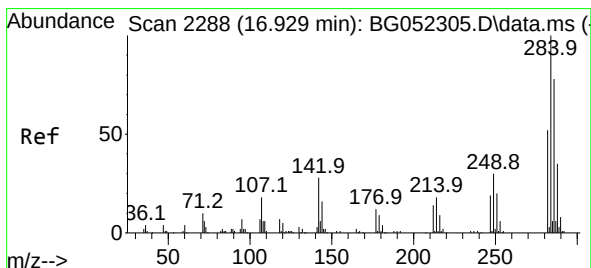
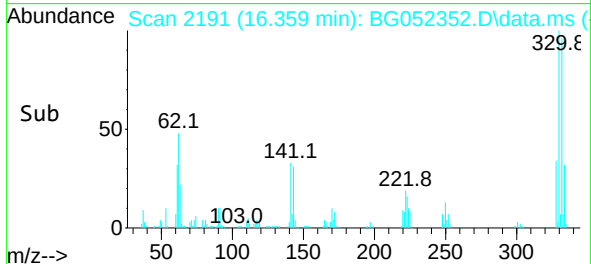
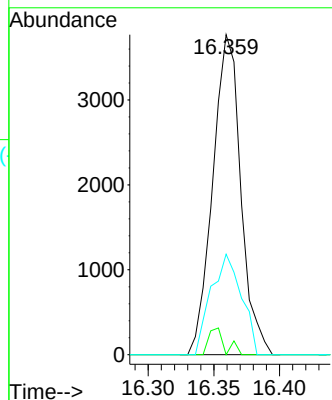
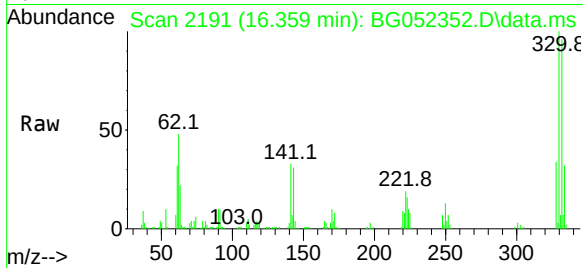




#66
n-Nitrosodiphenylamine
Concen: 0.983 ng
RT: 16.359 min Scan# 2149
Delta R.T. 0.247 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

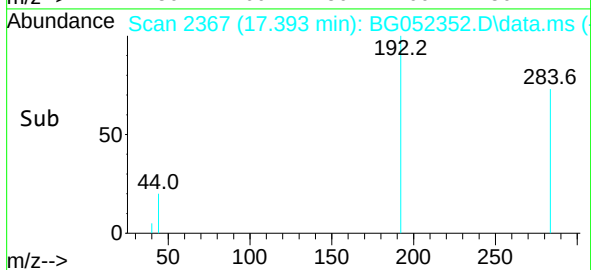
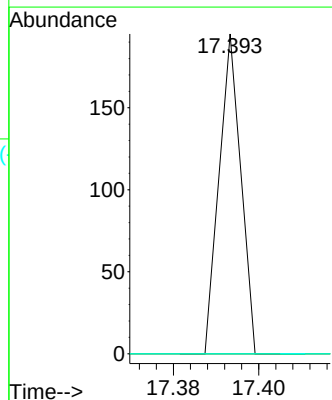
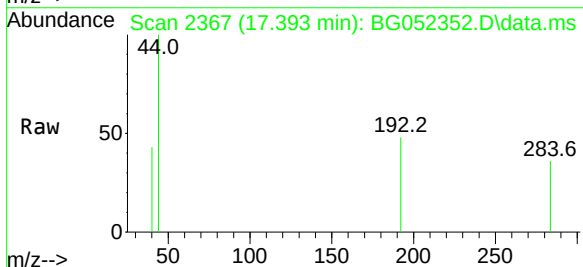
Instrument :
BNA_G
ClientSampleId :
PB142486BL

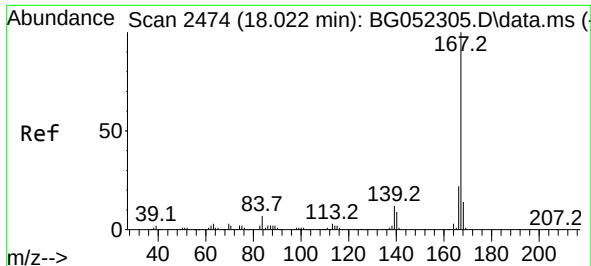
Tgt Ion:169 Resp: 5592
Ion Ratio Lower Upper
169 100
168 0.0 57.4 86.0#
167 31.4 29.5 44.3



#68
Hexachlorobenzene
Concen: 0.025 ng
RT: 17.393 min Scan# 2367
Delta R.T. 0.464 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:284 Resp: 69
Ion Ratio Lower Upper
284 100
142 0.0 26.2 39.2#
249 0.0 26.9 40.3#

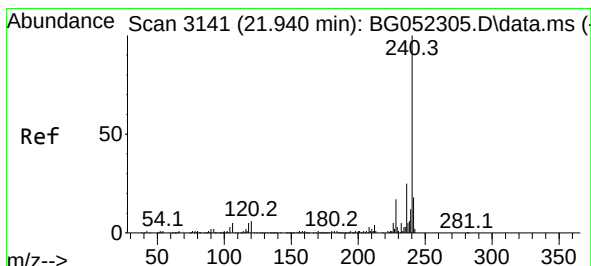
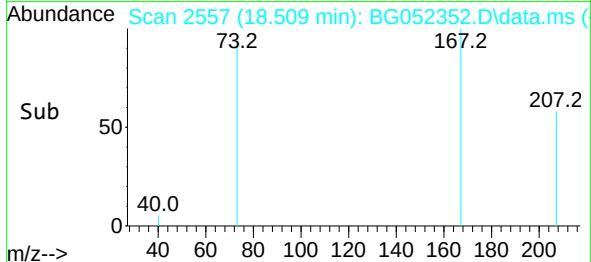
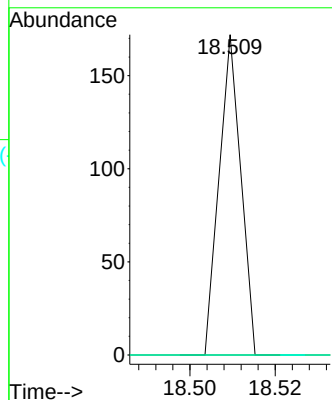
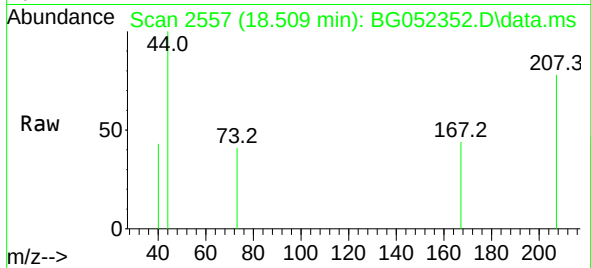




#73
 Carbazole
 Concen: 0.006 ng
 RT: 18.509 min Scan# 21
 Delta R.T. 0.488 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

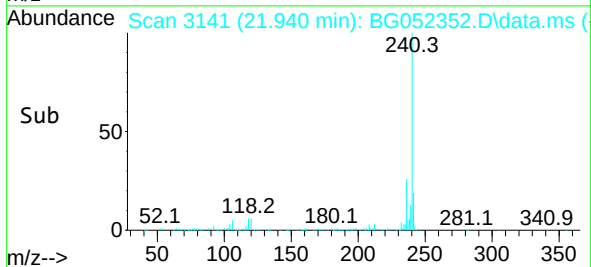
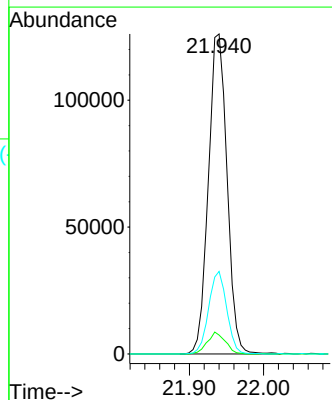
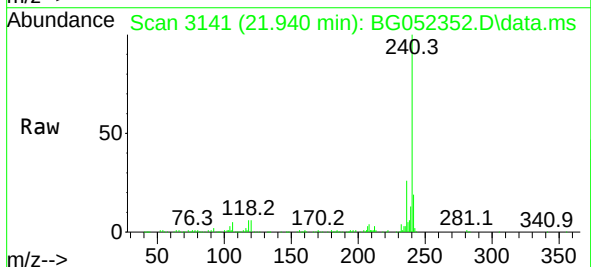
Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

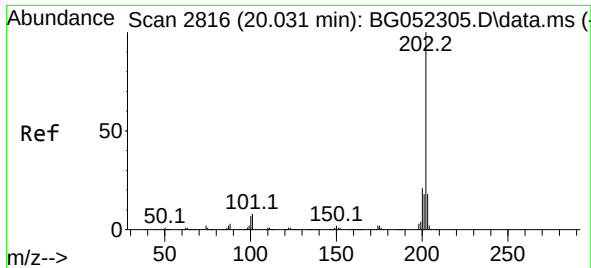
Tgt Ion:167 Resp: 61
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.6#
 139 0.0 10.6 16.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.940 min Scan# 3141
 Delta R.T. -0.000 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

Tgt Ion:240 Resp: 220469
 Ion Ratio Lower Upper
 240 100
 120 5.9 4.4 6.6
 236 25.8 20.8 31.2

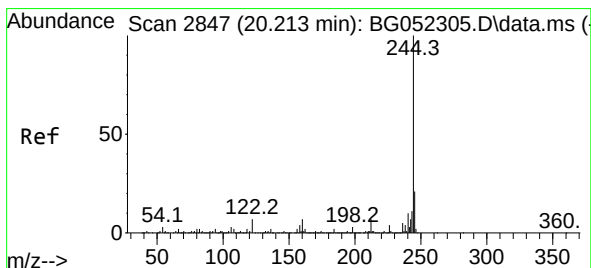
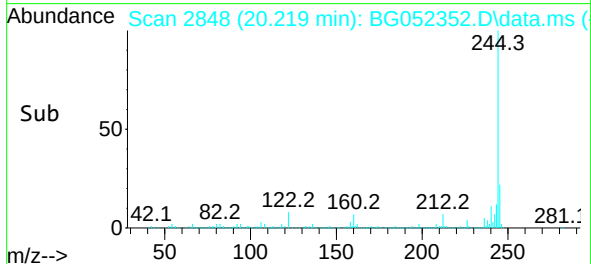
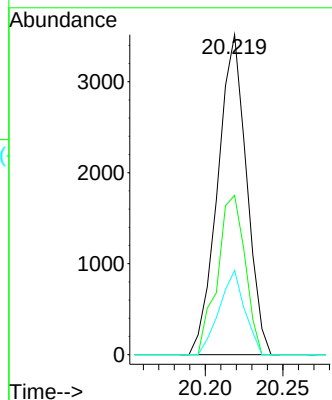
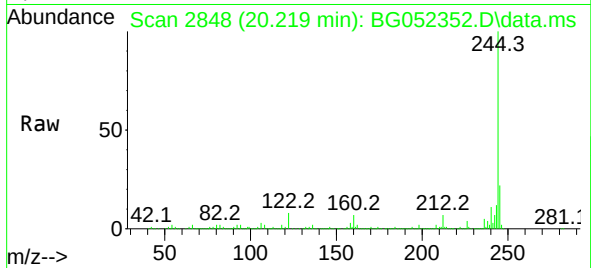




#78
Pyrene
Concen: 0.308 ng
RT: 20.219 min Scan# 21
Delta R.T. 0.188 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

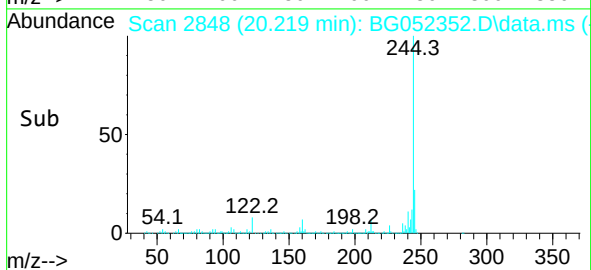
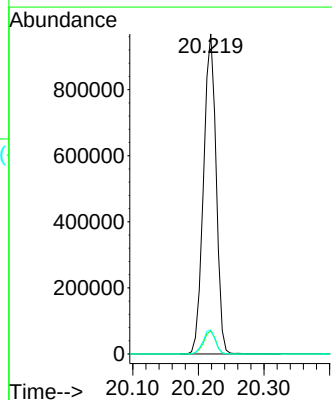
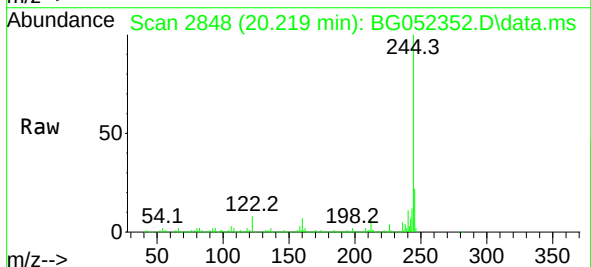
Instrument :
BNA_G
ClientSampleId :
PB142486BL

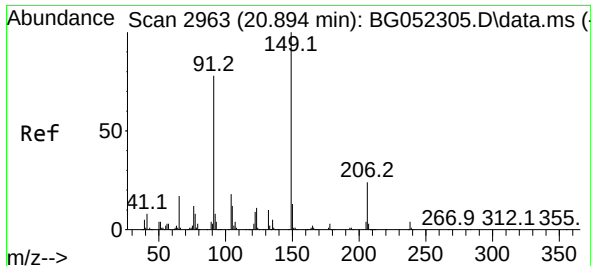
Tgt Ion:202 Resp: 4543
Ion Ratio Lower Upper
202 100
200 49.8 17.4 26.2#
203 26.4 14.5 21.7#



#79
Terphenyl-d14
Concen: 103.773 ng
RT: 20.219 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:244 Resp: 1295614
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 7.5 6.2 9.4

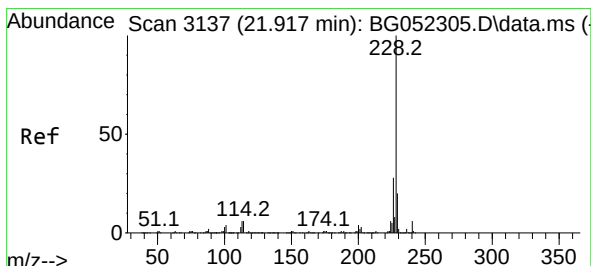
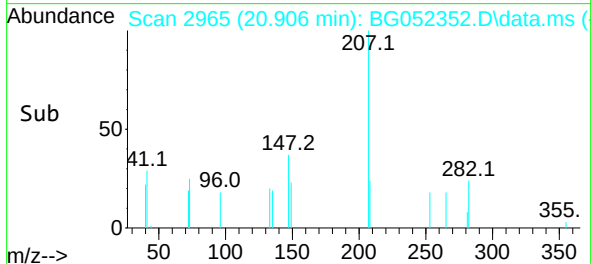
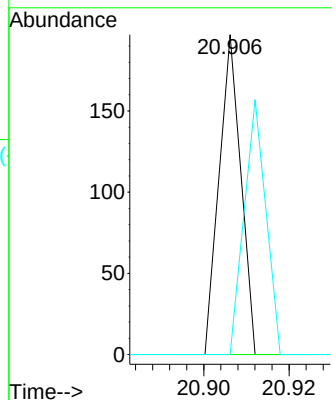
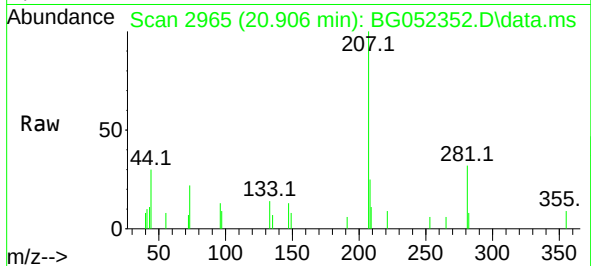




#80
 Butylbenzylphthalate
 Concen: 0.013 ng
 RT: 20.906 min Scan# 2965
 Delta R.T. 0.012 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

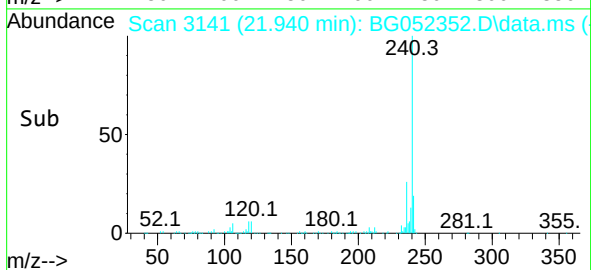
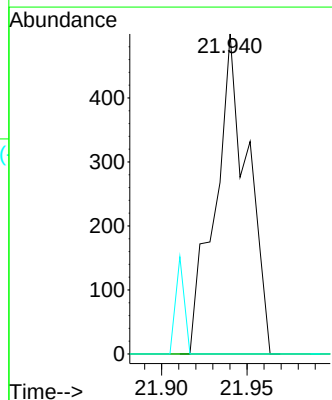
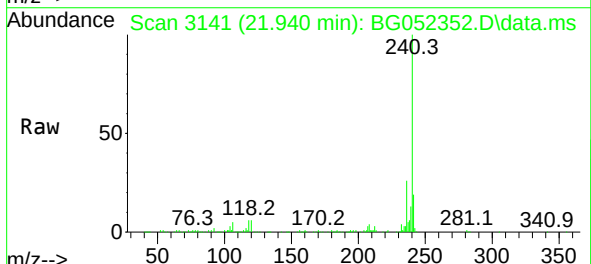
Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

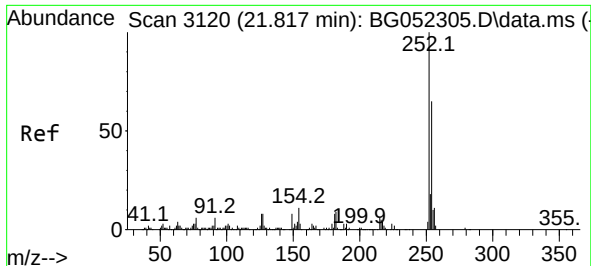
Tgt Ion:149 Resp: 69
 Ion Ratio Lower Upper
 149 100
 91 0.0 64.0 96.0#
 206 0.0 19.3 28.9#



#81
 Benzo(a)anthracene
 Concen: 0.046 ng
 RT: 21.940 min Scan# 3141
 Delta R.T. 0.023 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

Tgt Ion:228 Resp: 664
 Ion Ratio Lower Upper
 228 100
 226 0.0 21.6 32.4#
 229 0.0 16.0 24.0#

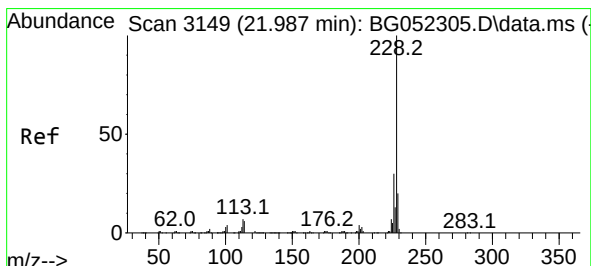
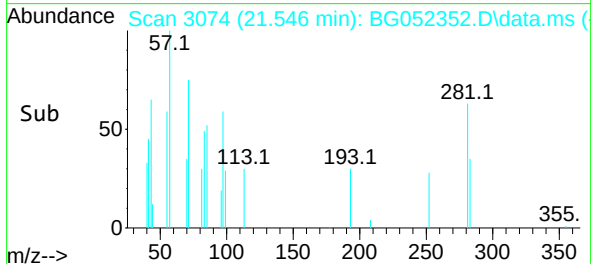
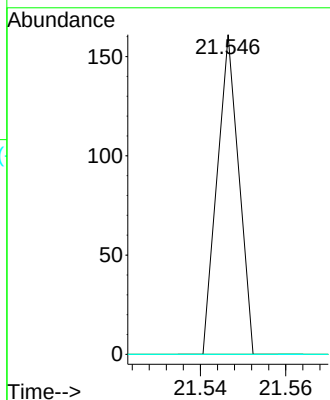
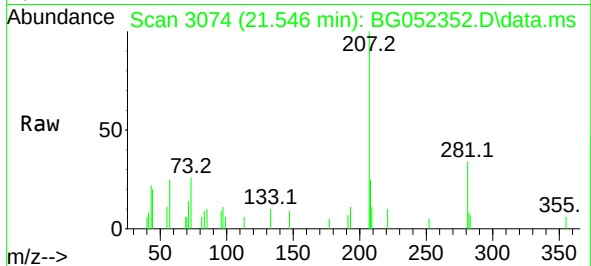




#82
 3,3'-Dichlorobenzidine
 Concen: 0.011 ng
 RT: 21.546 min Scan# 3074
 Delta R.T. -0.270 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

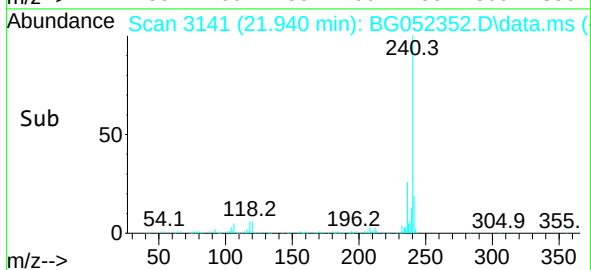
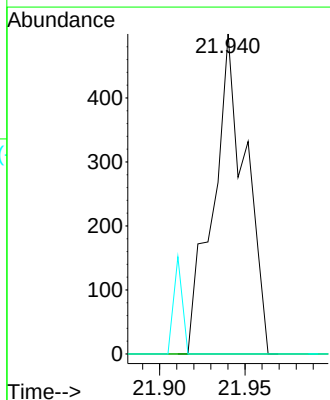
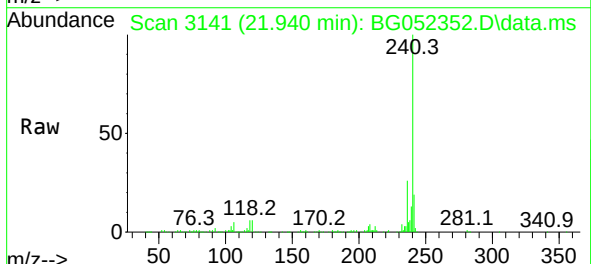
Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

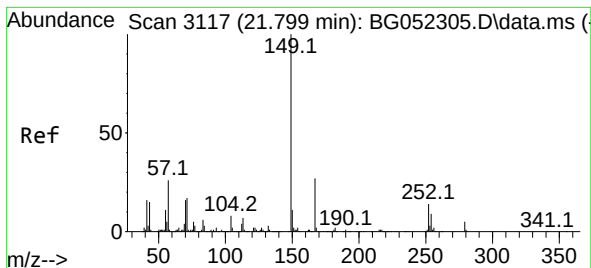
Tgt Ion:252 Resp: 57
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.6 79.0#
 126 0.0 6.4 9.6#



#83
 Chrysene
 Concen: 0.048 ng
 RT: 21.940 min Scan# 3141
 Delta R.T. -0.047 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

Tgt Ion:228 Resp: 664
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 0.0 16.4 24.6#

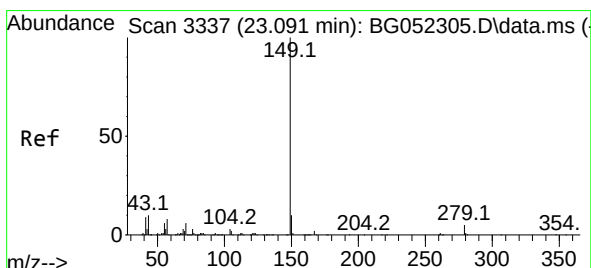
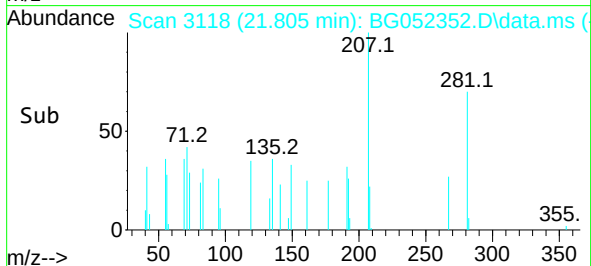
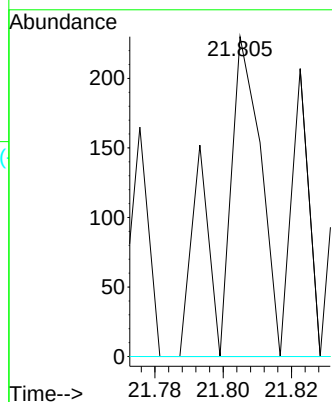
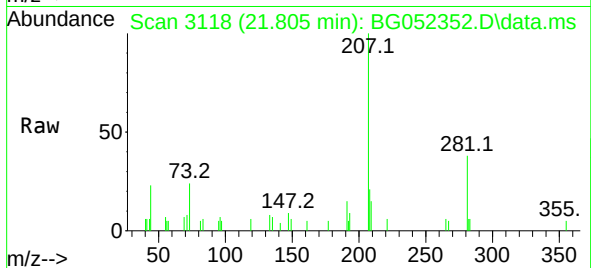




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.027 ng
 RT: 21.805 min Scan# 3117
 Delta R.T. 0.006 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

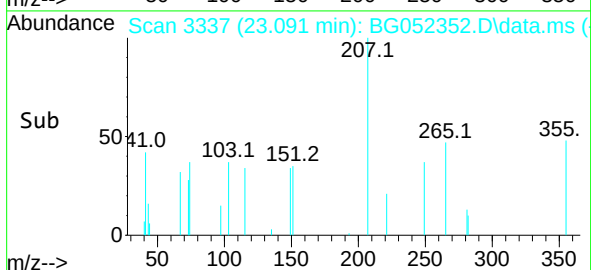
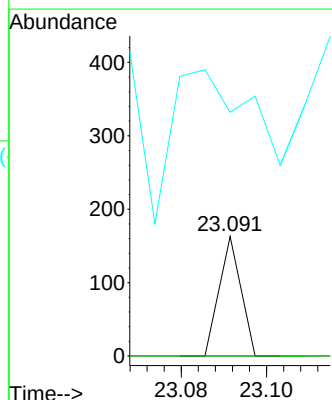
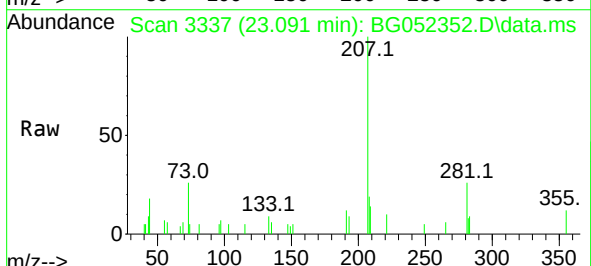
Instrument :
 BNA_G
 ClientSampleId :
 PB142486BL

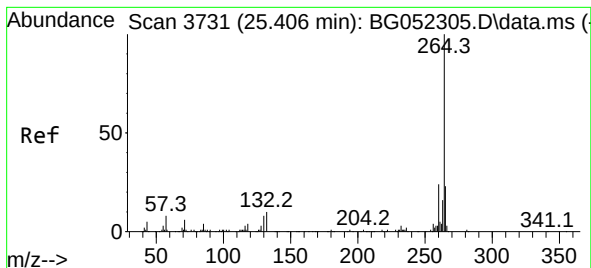
Tgt Ion:149 Resp: 189
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 4.2 6.2#



#85
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 23.091 min Scan# 3337
 Delta R.T. -0.000 min
 Lab File: BG052352.D
 Acq: 10 Feb 2022 13:42

Tgt Ion:149 Resp: 57
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 505.3 10.0 15.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.412 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG052352.D

Acq: 10 Feb 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB142486BL

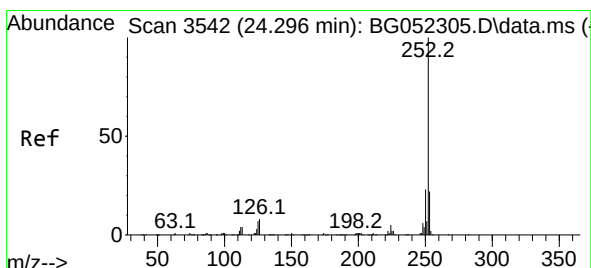
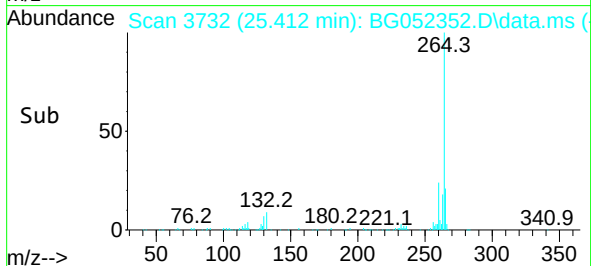
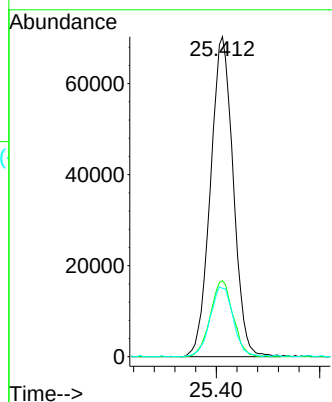
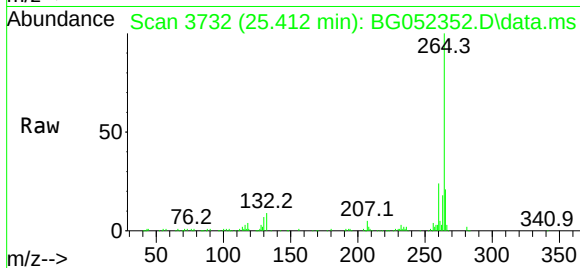
Tgt Ion:264 Resp: 214642

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.3 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 24.090 min Scan# 3507

Delta R.T. -0.206 min

Lab File: BG052352.D

Acq: 10 Feb 2022 13:42

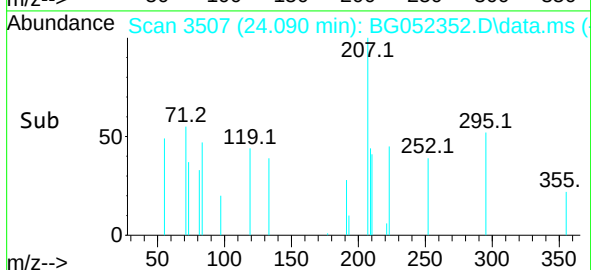
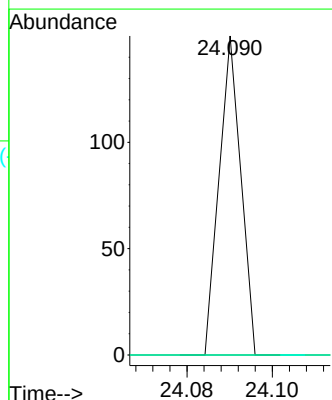
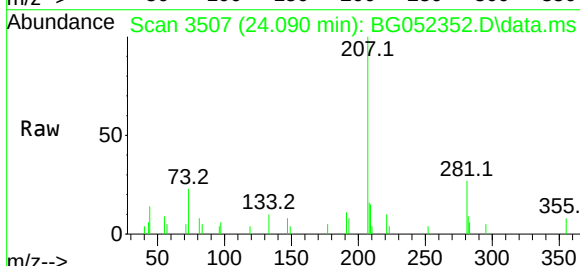
Tgt Ion:252 Resp: 53

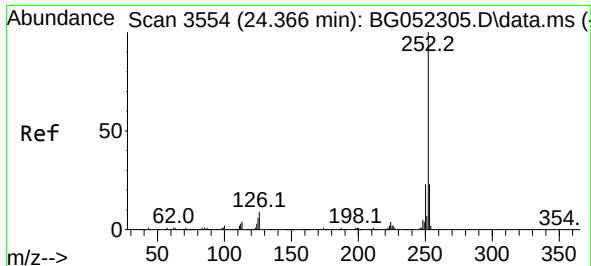
Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 0.0 5.4 8.2#

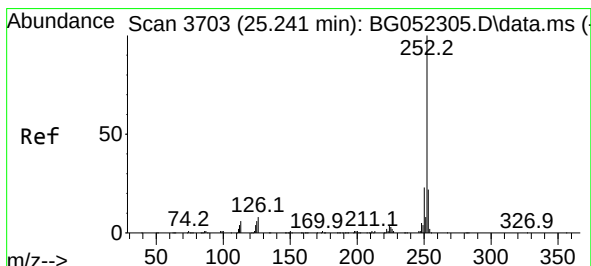
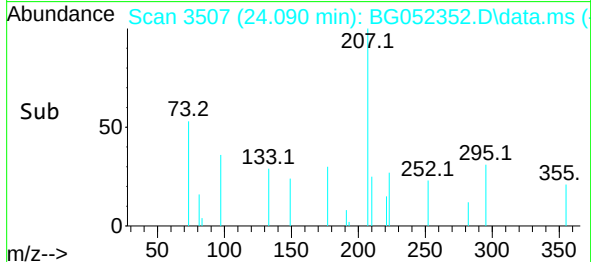
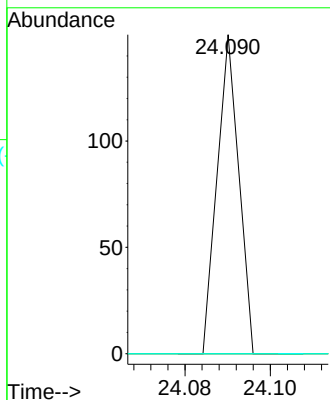
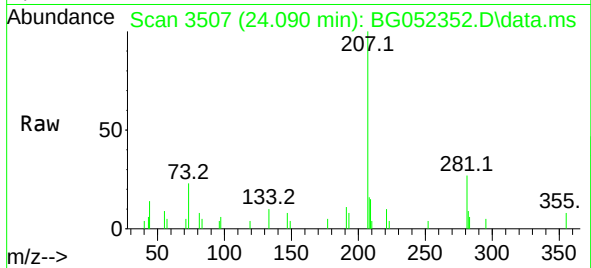




#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.090 min Scan# 31
Delta R.T. -0.276 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB142486BL

Tgt Ion:252 Resp: 53
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 0.0 4.6 7.0#



#90
Benzo(a)pyrene
Concen: 0.012 ng
RT: 25.388 min Scan# 3728
Delta R.T. 0.147 min
Lab File: BG052352.D
Acq: 10 Feb 2022 13:42

Tgt Ion:252 Resp: 134
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 5.0 7.6#

