

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052762.D
 Acq On : 21 Mar 2022 10:38
 Operator : CG/JU
 Sample : PB143455BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143444BL

Quant Time: Mar 21 13:25:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

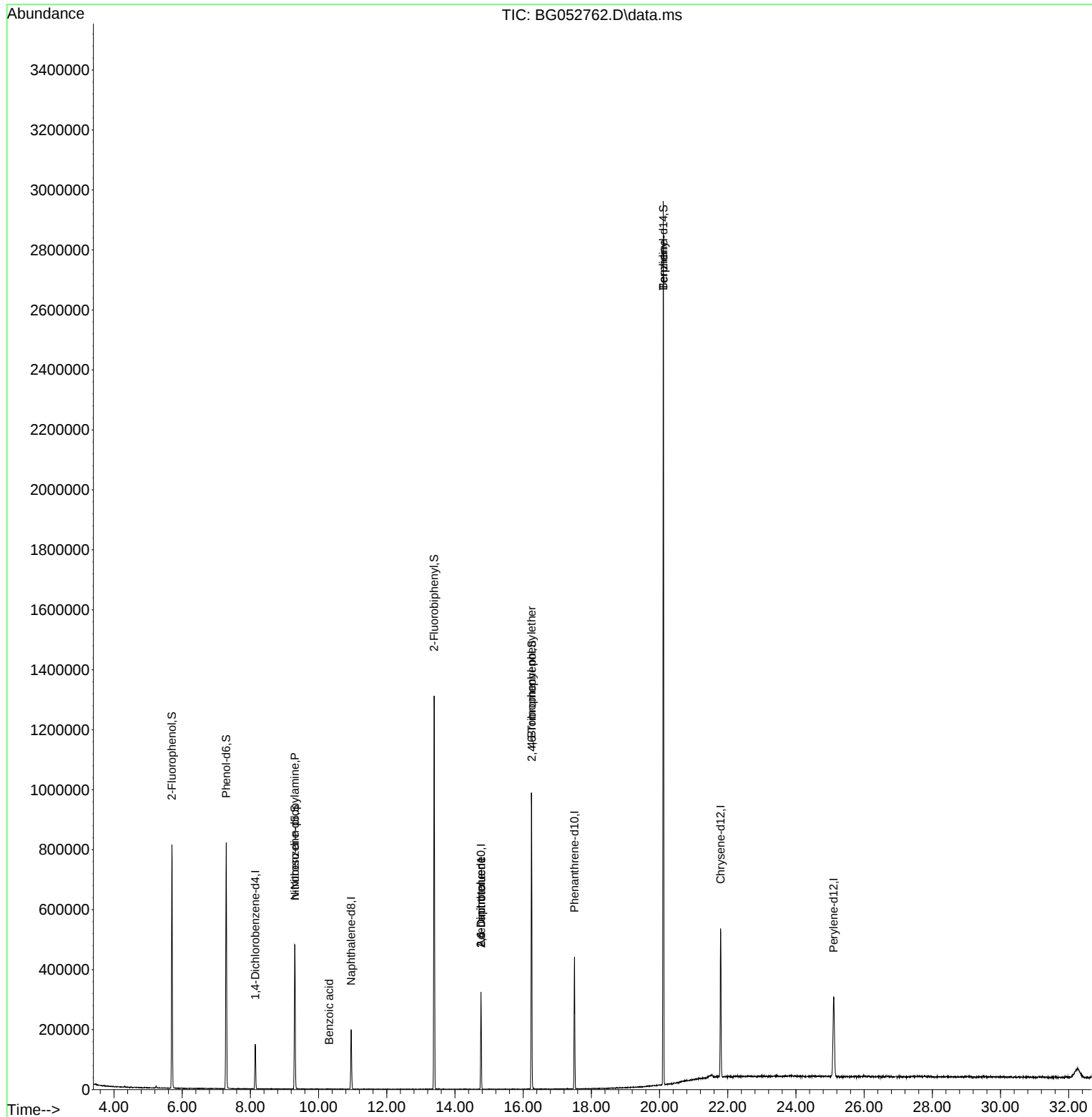
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	40024	20.000	ng	-0.02
21) Naphthalene-d8	10.957	136	162526	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	111128	20.000	ng	-0.01
64) Phenanthrene-d10	17.507	188	270408	20.000	ng	-0.01
76) Chrysene-d12	21.790	240	322556	20.000	ng	-0.02
86) Perylene-d12	25.109	264	309420	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	322187	140.189	ng	-0.01
7) Phenol-d6	7.292	99	460712	132.968	ng	0.00
23) Nitrobenzene-d5	9.306	82	312608	96.538	ng	-0.01
42) 2,4,6-Tribromophenol	16.250	330	193648	129.681	ng	-0.01
45) 2-Fluorobiphenyl	13.389	172	705361	93.613	ng	-0.02
79) Terphenyl-d14	20.110	244	1488666	82.098	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.292	77	1060	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.301	70	42406	17.281	ng	# 77
32) Benzoic acid	10.311	122	63	5.706	ng	# 1
51) 2,6-Dinitrotoluene	14.764	165	14965	10.732	ng	# 27
57) 2,4-Dinitrotoluene	14.764	165	14965	7.735	ng	# 26
67) 4-Bromophenyl-phenylether	16.244	248	12999	3.987	ng	# 1
77) Benzidine	20.110	184	26453	3.180	ng	# 94

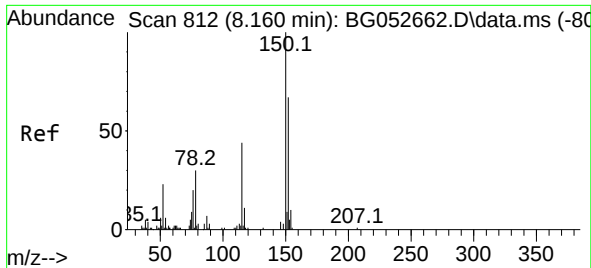
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052762.D
Acq On : 21 Mar 2022 10:38
Operator : CG/JU
Sample : PB143455BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143444BL

Quant Time: Mar 21 13:25:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

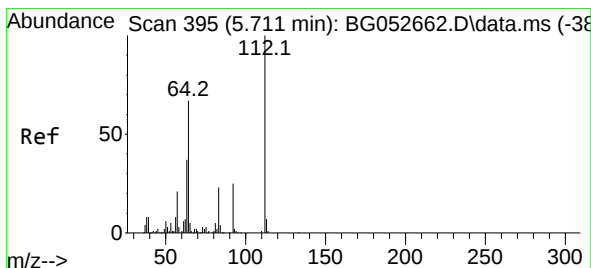
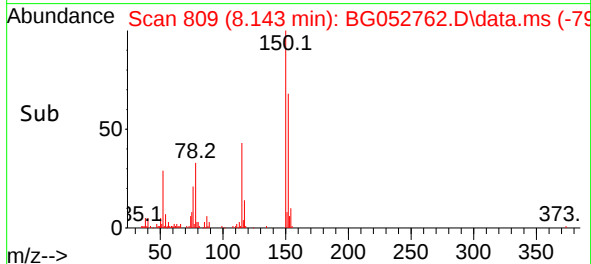
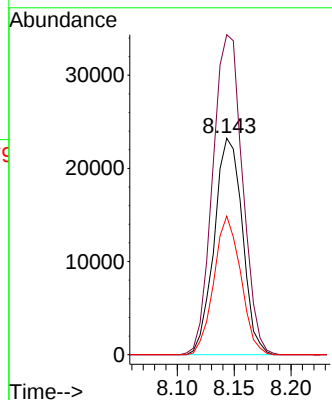
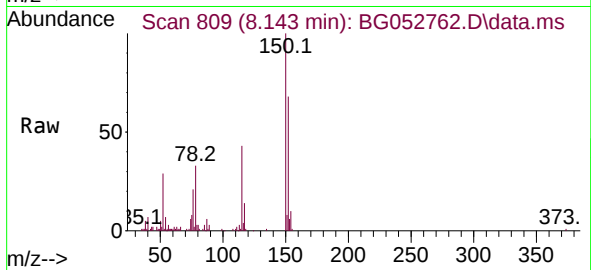




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.143 min Scan# 809
Delta R.T. -0.017 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

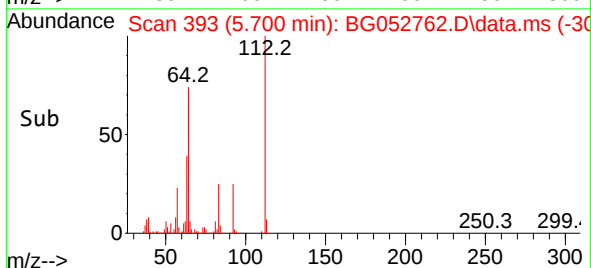
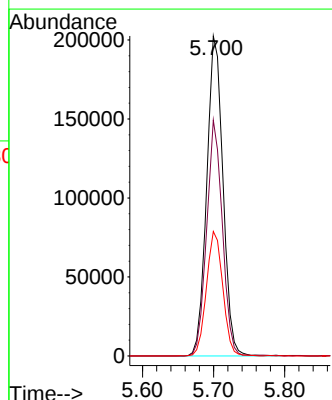
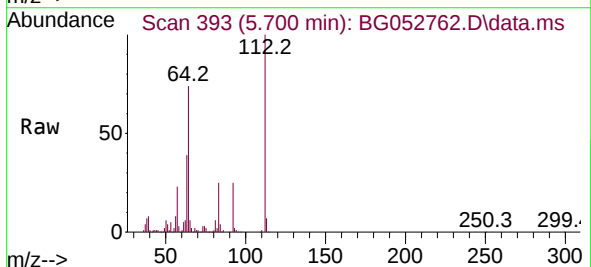
Instrument :
BNA_G
ClientSampleId :
PB143444BL

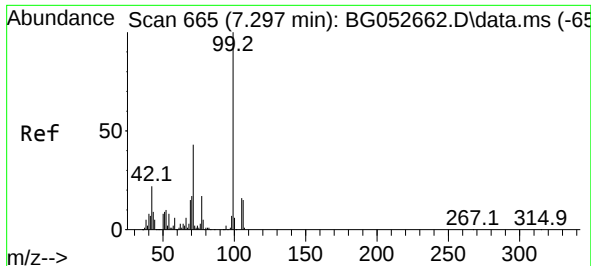
Tgt Ion:152 Resp: 40024
Ion Ratio Lower Upper
152 100
150 147.9 114.6 172.0
115 64.0 45.9 68.9



#5
2-Fluorophenol
Concen: 140.189 ng
RT: 5.700 min Scan# 393
Delta R.T. -0.011 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Tgt Ion:112 Resp: 322187
Ion Ratio Lower Upper
112 100
64 73.7 48.0 72.0#
63 38.9 26.5 39.7

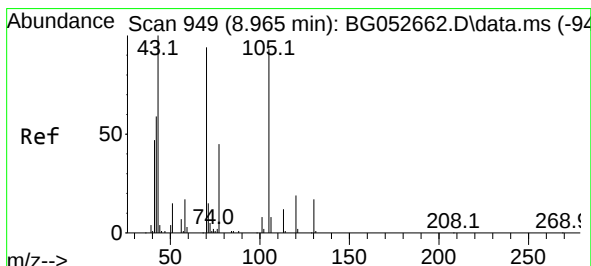
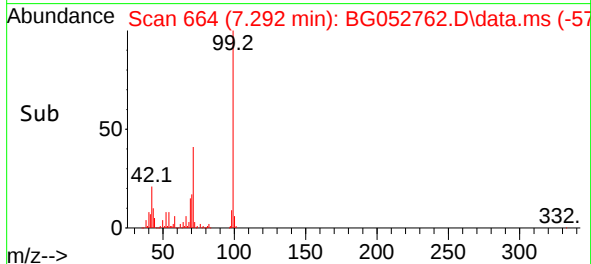
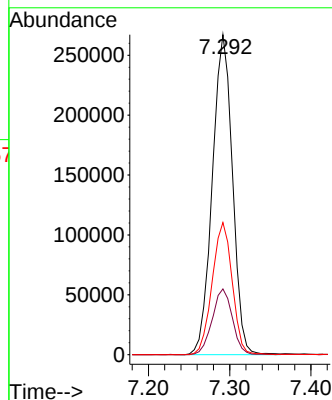
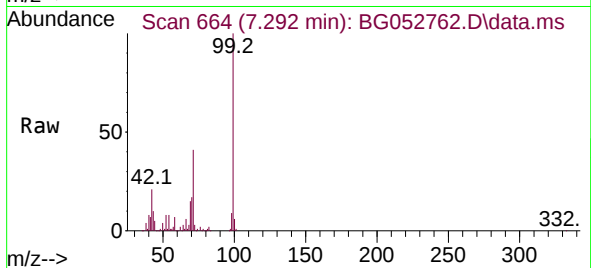




#7
Phenol-d6
Concen: 132.968 ng
RT: 7.292 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

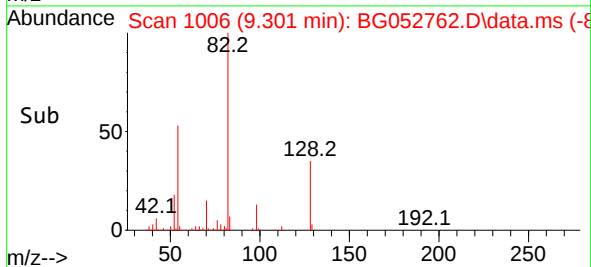
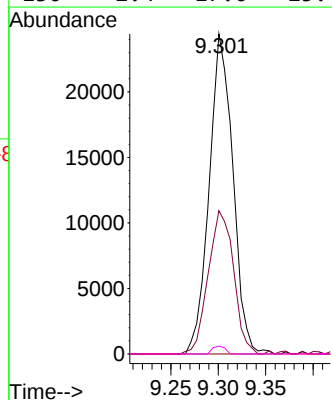
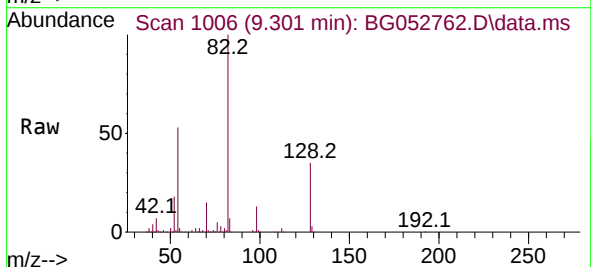
Instrument :
BNA_G
ClientSampleId :
PB143444BL

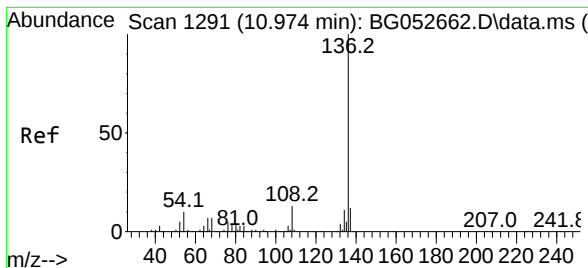
Tgt Ion: 99 Resp: 460712
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 41.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.281 ng
RT: 9.301 min Scan# 1006
Delta R.T. 0.335 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Tgt Ion: 70 Resp: 42406
Ion Ratio Lower Upper
70 100
42 44.8 46.0 69.0#
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#



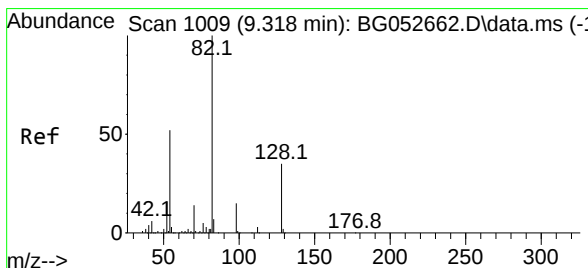
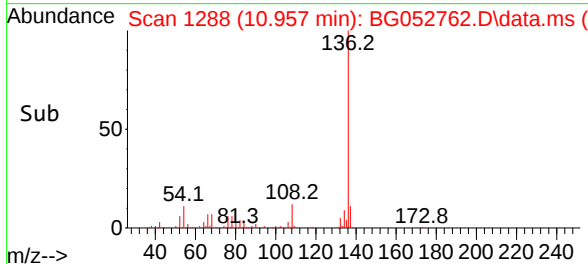
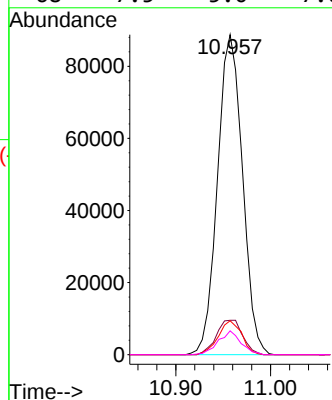
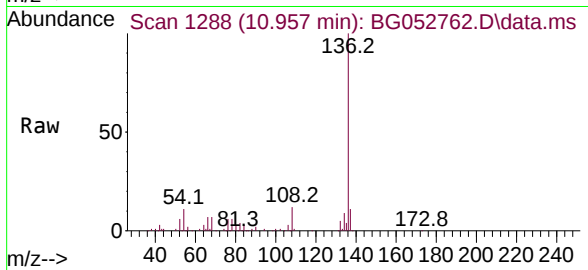


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Instrument :
BNA_G
ClientSampleId :
PB143444BL

Tgt Ion:136 Resp: 162526

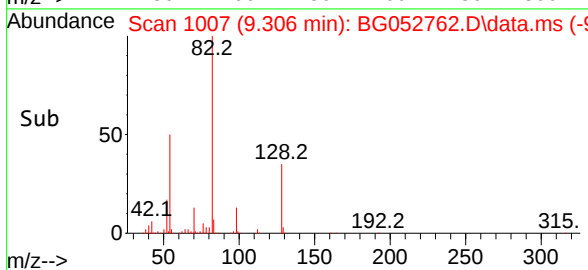
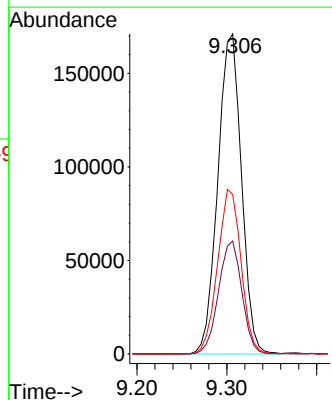
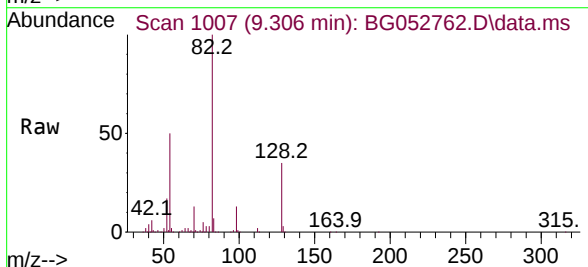
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.2
54	10.6	6.4	9.6#
68	7.5	5.0	7.6

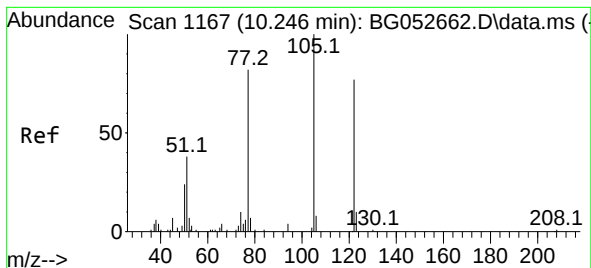


#23
Nitrobenzene-d5
Concen: 96.538 ng
RT: 9.306 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Tgt Ion: 82 Resp: 312608

Ion	Ratio	Lower	Upper
82	100		
128	35.3	31.3	46.9
54	49.9	37.8	56.8





#32

Benzoic acid

Concen: 5.706 ng

RT: 10.311 min Scan# 1167

Delta R.T. 0.065 min

Lab File: BG052762.D

Acq: 21 Mar 2022 10:38

Instrument :

BNA_G

ClientSampleId :

PB143444BL

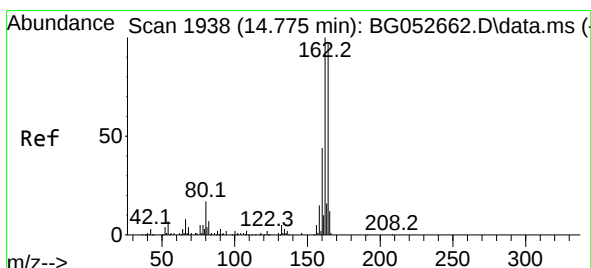
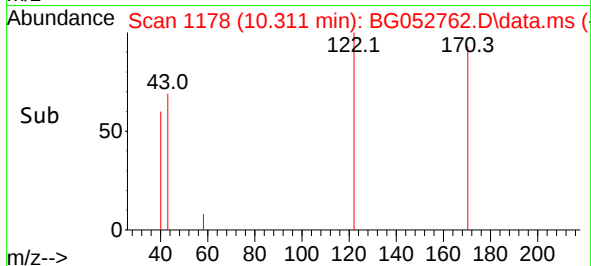
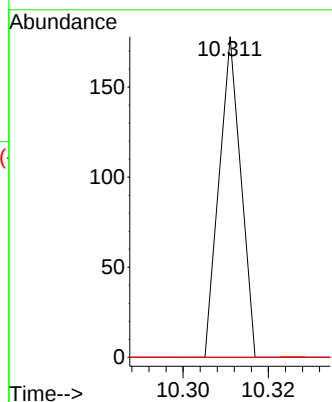
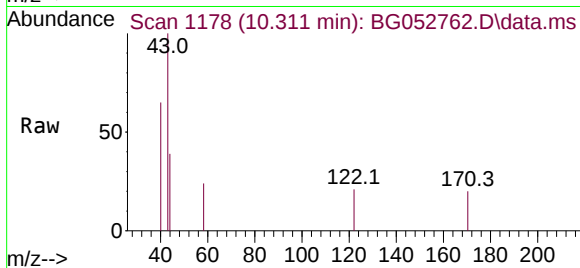
Tgt Ion:122 Resp: 63

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.764 min Scan# 1936

Delta R.T. -0.011 min

Lab File: BG052762.D

Acq: 21 Mar 2022 10:38

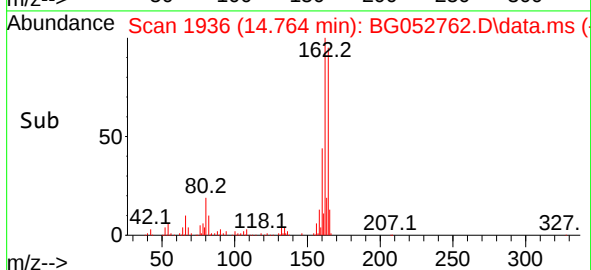
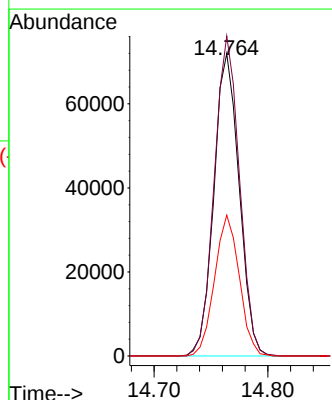
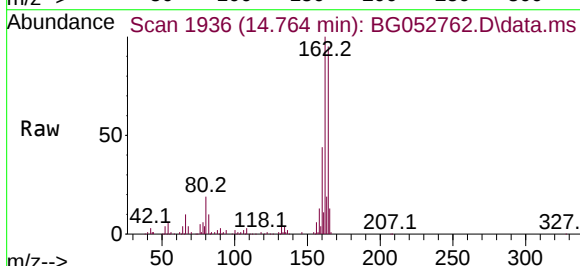
Tgt Ion:164 Resp: 111128

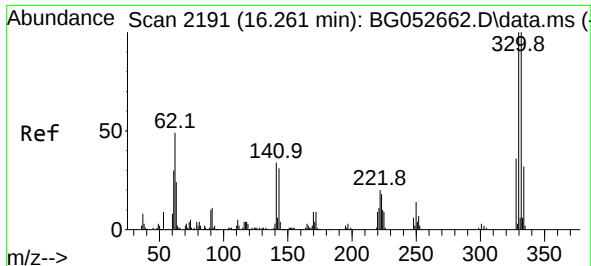
Ion Ratio Lower Upper

164 100

162 105.8 80.0 120.0

160 46.5 38.8 58.2

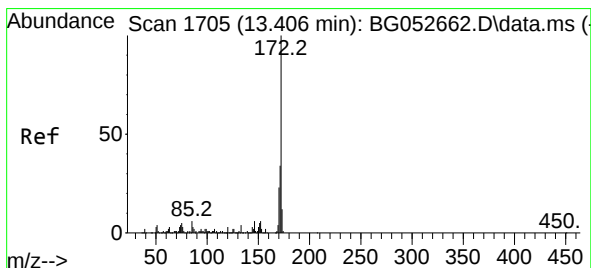
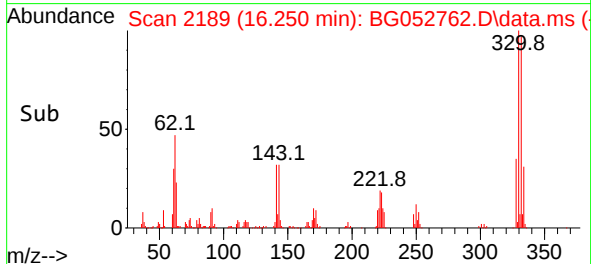
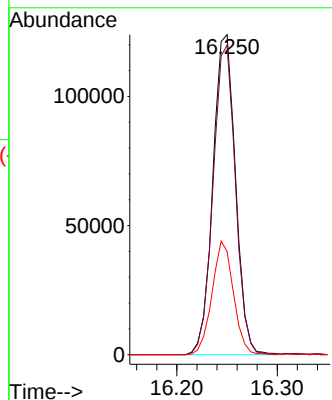
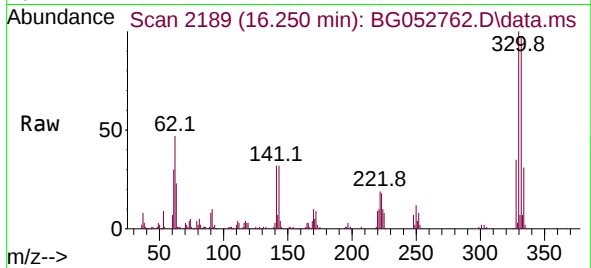




#42
2,4,6-Tribromophenol
Concen: 129.681 ng
RT: 16.250 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

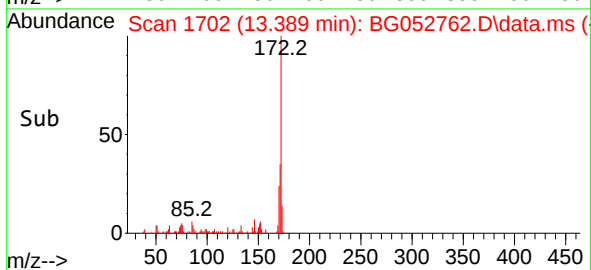
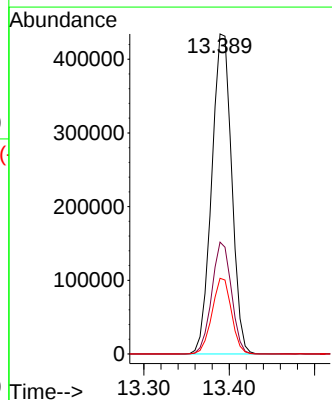
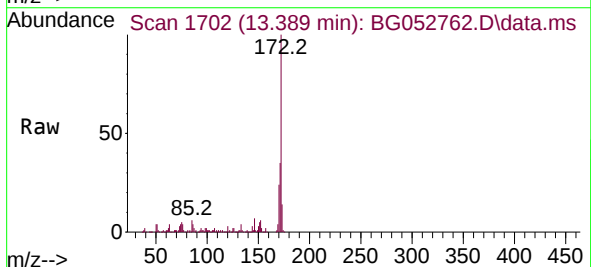
Instrument :
BNA_G
ClientSampleId :
PB143444BL

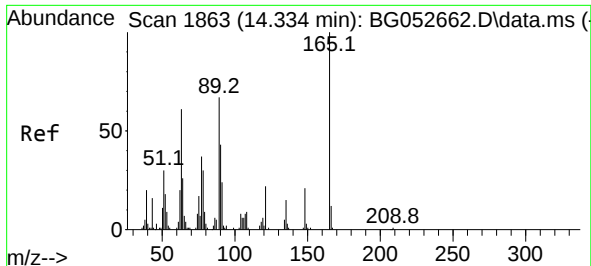
Tgt Ion:330 Resp: 193648
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.6
141 33.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 93.613 ng
RT: 13.389 min Scan# 1702
Delta R.T. -0.017 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Tgt Ion:172 Resp: 705361
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.7 18.0 27.0

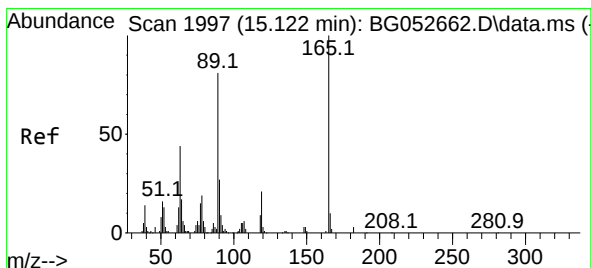
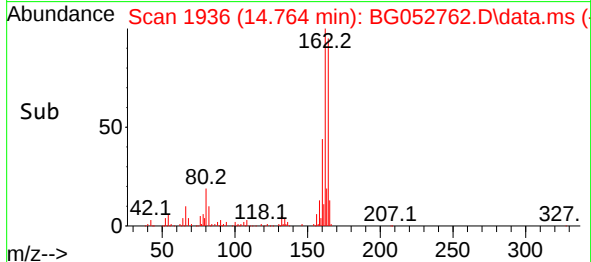
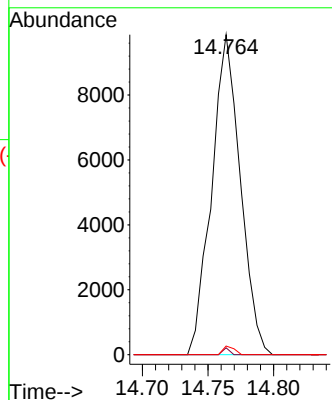
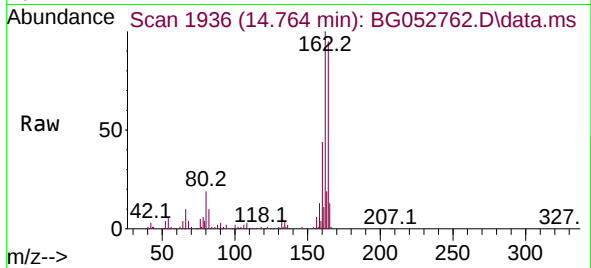




#51
2,6-Dinitrotoluene
Concen: 10.732 ng
RT: 14.764 min Scan# 1936
Delta R.T. 0.429 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

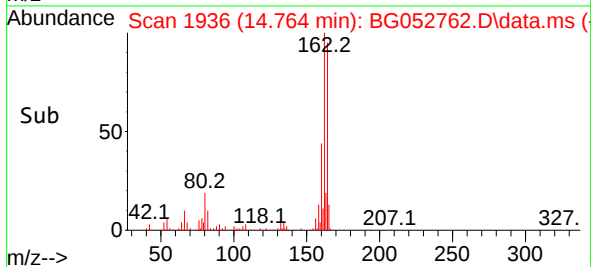
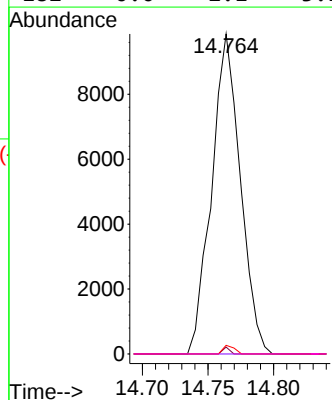
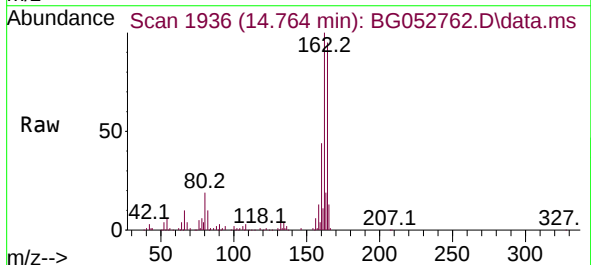
Instrument :
BNA_G
ClientSampleId :
PB143444BL

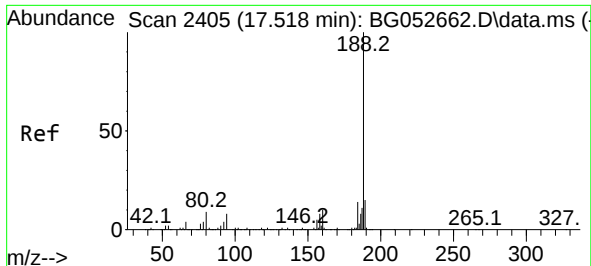
Tgt Ion:165 Resp: 14965
Ion Ratio Lower Upper
165 100
63 2.1 43.7 65.5#
89 2.7 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.735 ng
RT: 14.764 min Scan# 1936
Delta R.T. -0.358 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Tgt Ion:165 Resp: 14965
Ion Ratio Lower Upper
165 100
63 2.1 34.8 52.2#
89 2.7 57.4 86.0#
182 0.0 2.1 3.1#

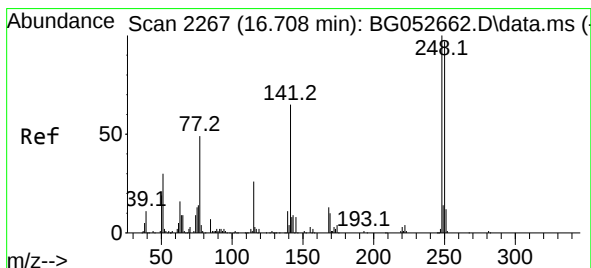
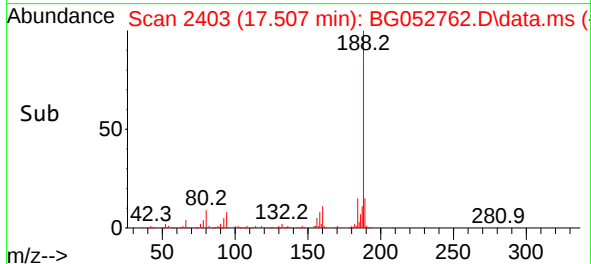
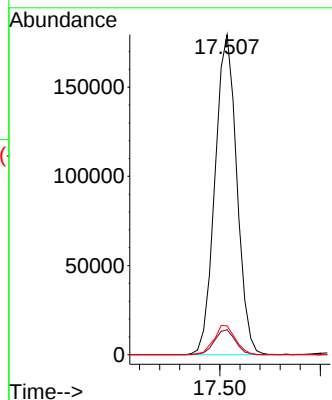
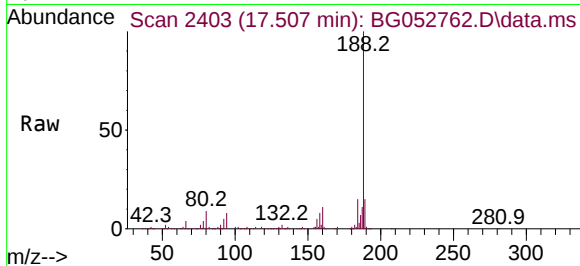




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

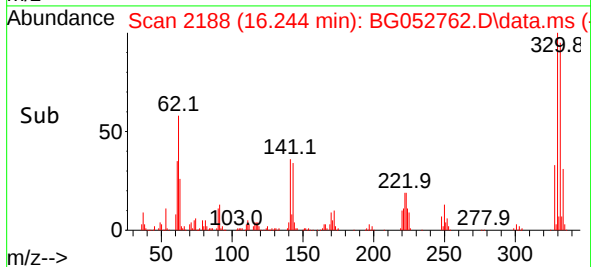
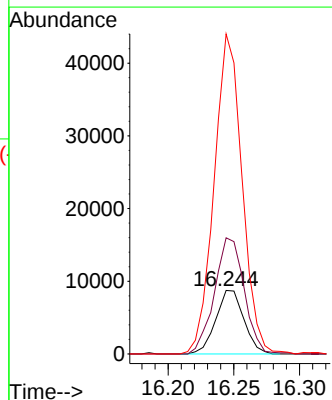
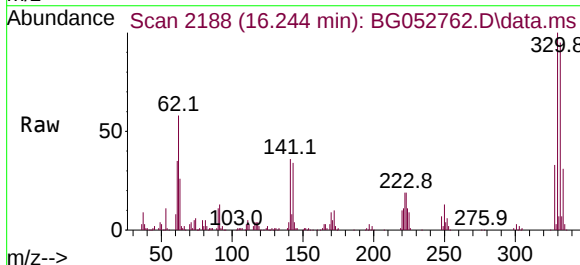
Instrument :
BNA_G
ClientSampleId :
PB143444BL

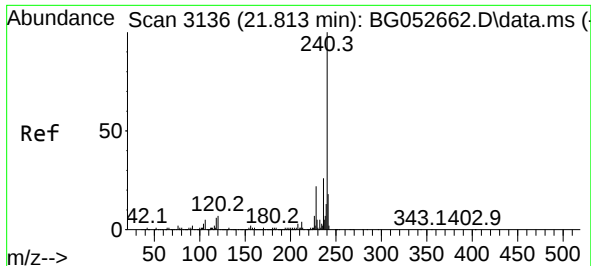
Tgt Ion:188 Resp: 270408
Ion Ratio Lower Upper
188 100
94 7.8 5.7 8.5
80 9.0 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.987 ng
RT: 16.244 min Scan# 2188
Delta R.T. -0.464 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Tgt Ion:248 Resp: 12999
Ion Ratio Lower Upper
248 100
250 183.0 77.9 116.9#
141 504.1 49.2 73.8#

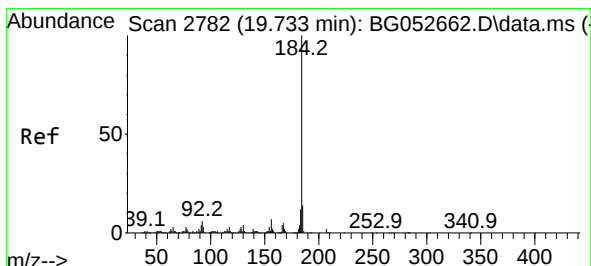
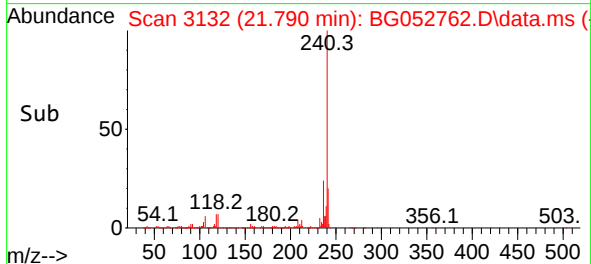
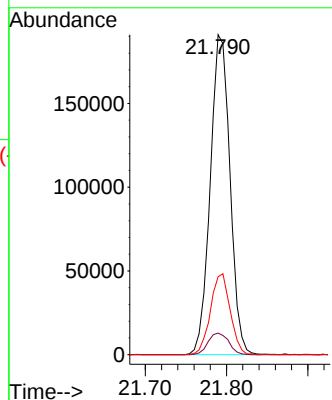
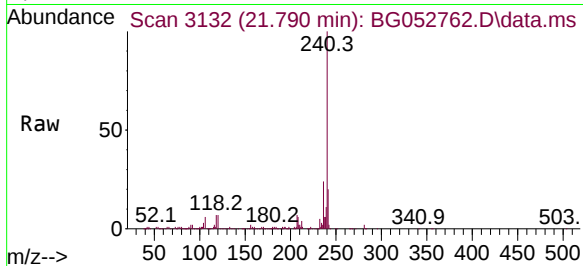




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.790 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

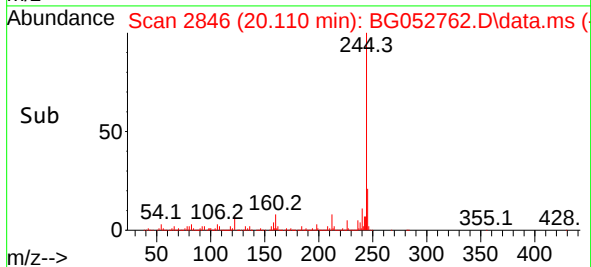
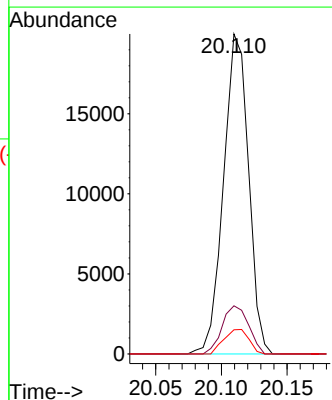
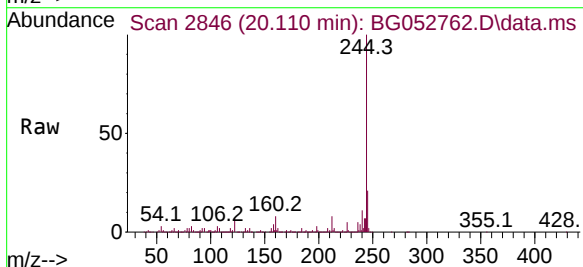
Instrument :
BNA_G
ClientSampleId :
PB143444BL

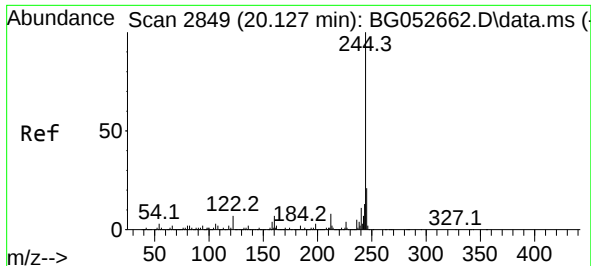
Tgt Ion:240 Resp: 322556
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 24.4 19.8 29.6



#77
Benzidine
Concen: 3.180 ng
RT: 20.110 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG052762.D
Acq: 21 Mar 2022 10:38

Tgt Ion:184 Resp: 26453
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 7.6 9.4 14.2#

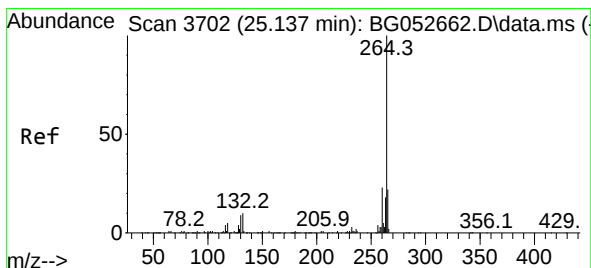
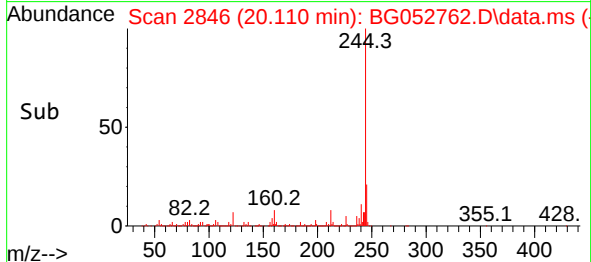
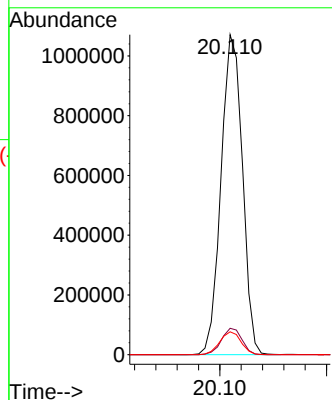
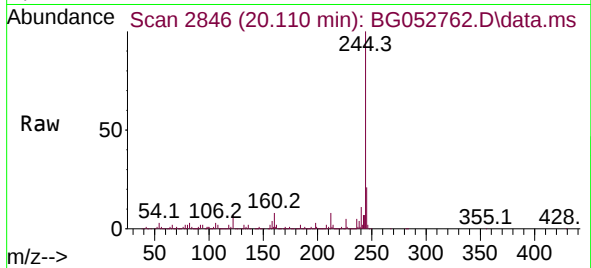




#79
 Terphenyl-d14
 Concen: 82.098 ng
 RT: 20.110 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG052762.D
 Acq: 21 Mar 2022 10:38

Instrument :
 BNA_G
 ClientSampleId :
 PB143444BL

Tgt Ion:244 Resp: 1488666
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.4 8.2#
 122 7.1 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.109 min Scan# 3697
 Delta R.T. -0.029 min
 Lab File: BG052762.D
 Acq: 21 Mar 2022 10:38

Tgt Ion:264 Resp: 309420
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.6 15.1 22.7

