

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052337.D
 Acq On : 9 Feb 2022 16:27
 Operator : CG/JU
 Sample : N1423-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Feb 10 00:06:49 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)

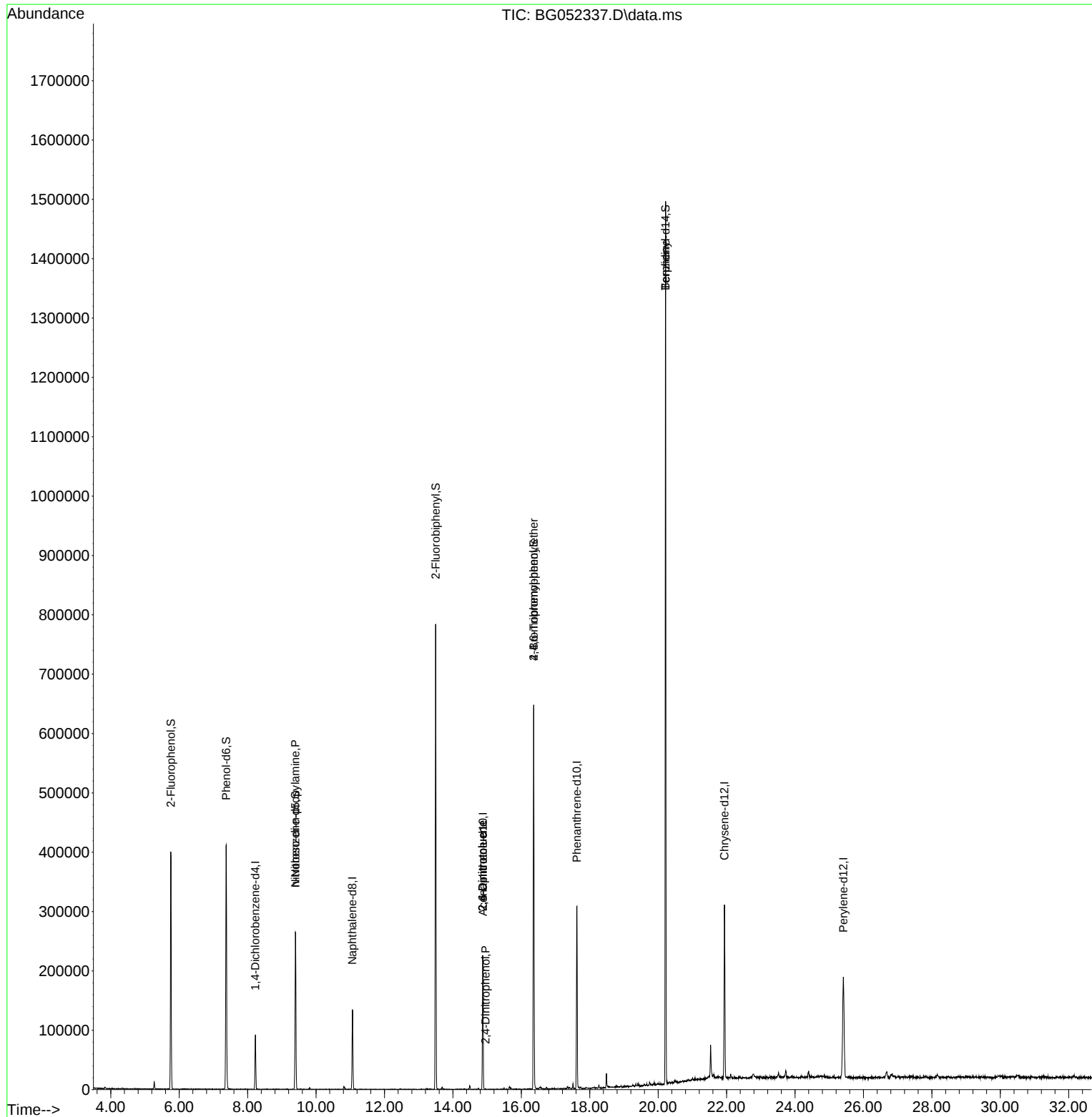
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	26405	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	112739	20.000	ng	# 0.00
39) Acenaphthene-d10	14.878	164	83221	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	205163	20.000	ng	0.00
76) Chrysene-d12	21.939	240	192386	20.000	ng	0.00
86) Perylene-d12	25.411	264	195220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	167181	110.348	ng	0.00
7) Phenol-d6	7.376	99	241779	103.430	ng	0.00
23) Nitrobenzene-d5	9.397	82	170411	65.694	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	134162	112.213	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	410669	68.569	ng	0.00
79) Terphenyl-d14	20.218	244	740340	67.954	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.370	77	525	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.397	70	23926	13.576	ng	# 72
51) 2,6-Dinitrotoluene	14.872	165	10589	7.697	ng	# 16
54) 2,4-Dinitrophenol	14.954	184	101	5.013	ng	# 17
57) 2,4-Dinitrotoluene	14.872	165	10589	5.408	ng	# 15
67) 4-Bromophenyl-phenylether	16.364	248	8499	3.406	ng	# 1
77) Benzidine	20.218	184	10654	2.592	ng	94

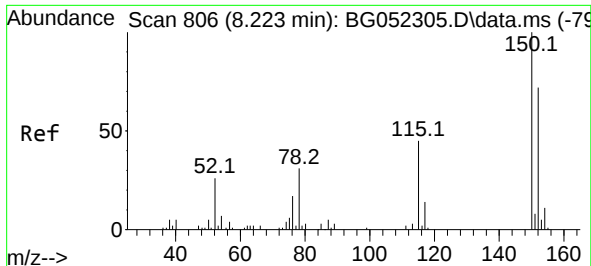
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
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Quant Time: Feb 10 00:06:49 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
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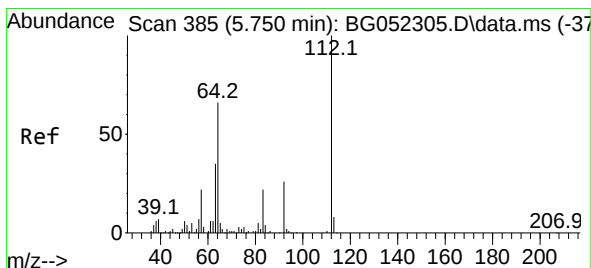
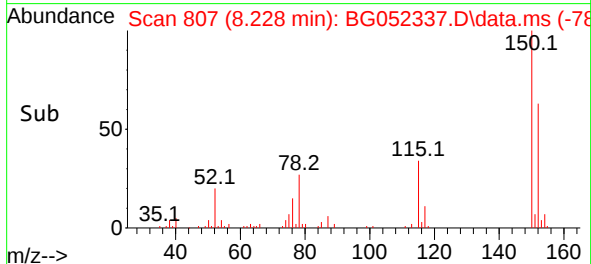
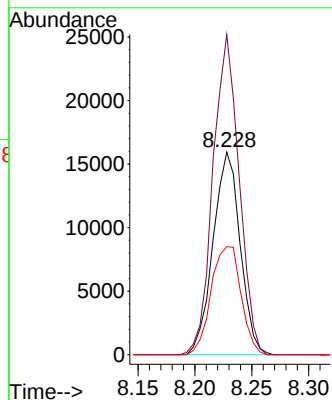
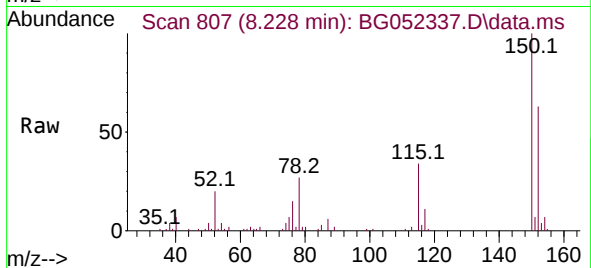




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

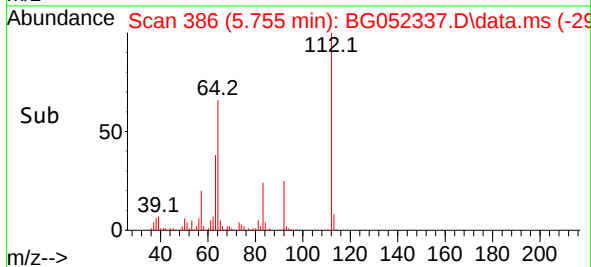
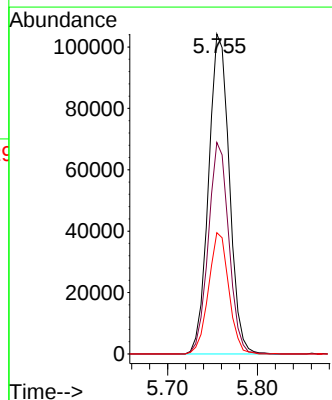
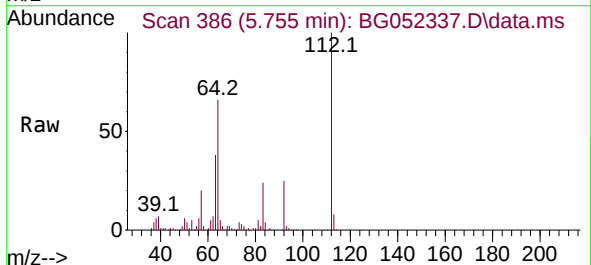
Instrument :
BNA_G
ClientSampleId :
TP-22

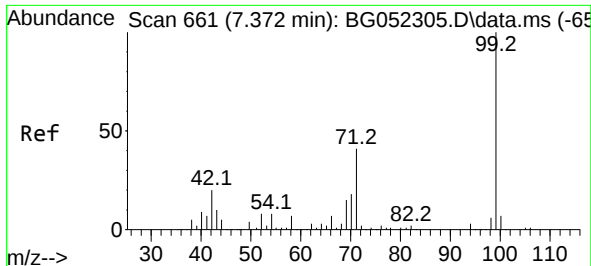
Tgt Ion:152 Resp: 26405
Ion Ratio Lower Upper
152 100
150 158.0 117.8 176.8
115 53.3 50.2 75.2



#5
2-Fluorophenol
Concen: 110.348 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

Tgt Ion:112 Resp: 167181
Ion Ratio Lower Upper
112 100
64 66.1 60.4 90.6
63 37.9 33.3 49.9

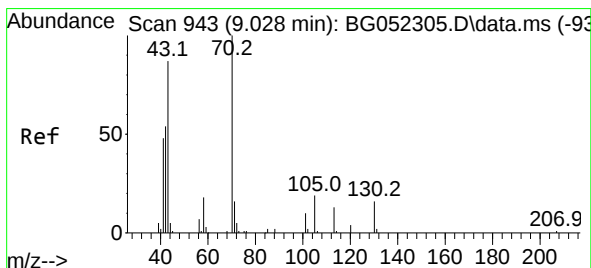
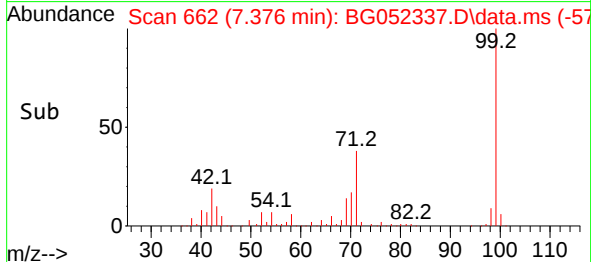
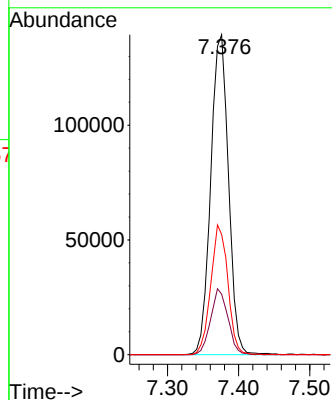
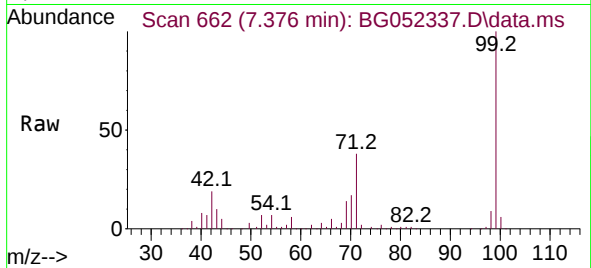




#7
Phenol-d6
Concen: 103.430 ng
RT: 7.376 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

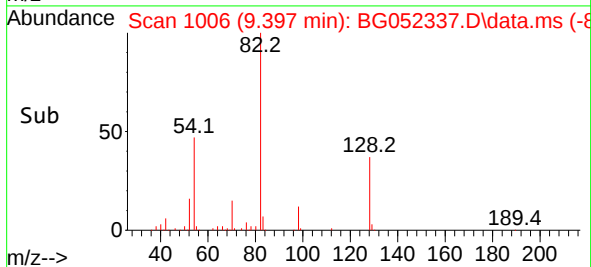
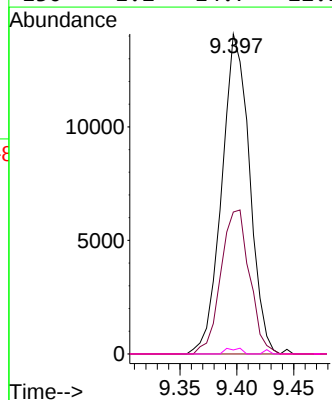
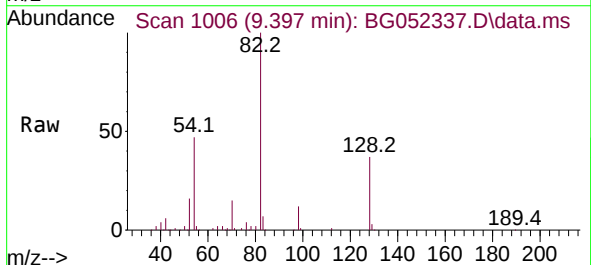
Instrument :
BNA_G
ClientSampleId :
TP-22

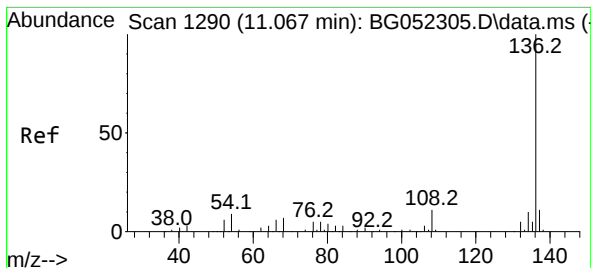
Tgt Ion: 99 Resp: 241779
Ion Ratio Lower Upper
99 100
42 18.9 19.1 28.7#
71 37.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.576 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

Tgt Ion: 70 Resp: 23926
Ion Ratio Lower Upper
70 100
42 44.3 51.8 77.6#
101 0.0 6.6 10.0#
130 1.2 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.065 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG052337.D

Acq: 9 Feb 2022 16:27

Instrument :

BNA_G

ClientSampleId :

TP-22

Tgt Ion:136 Resp: 112739

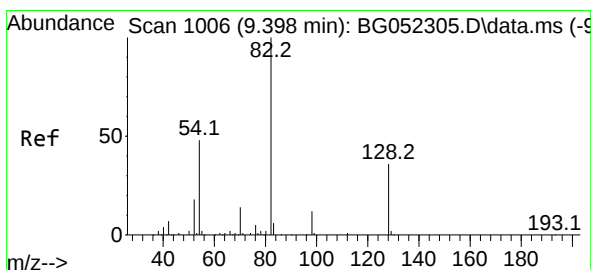
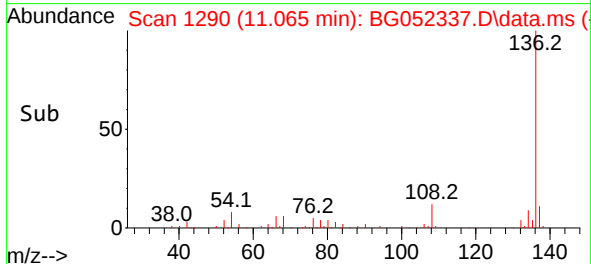
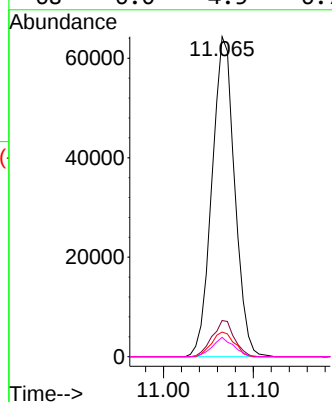
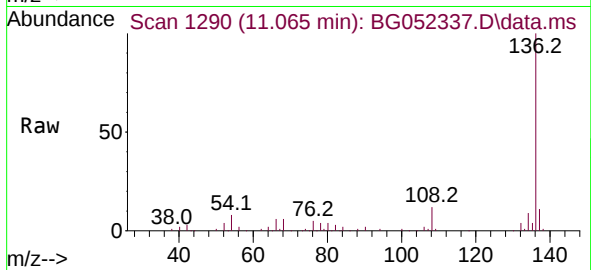
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.7 8.3 12.5#

68 6.0 4.5 6.7



#23

Nitrobenzene-d5

Concen: 65.694 ng

RT: 9.397 min Scan# 1006

Delta R.T. -0.001 min

Lab File: BG052337.D

Acq: 9 Feb 2022 16:27

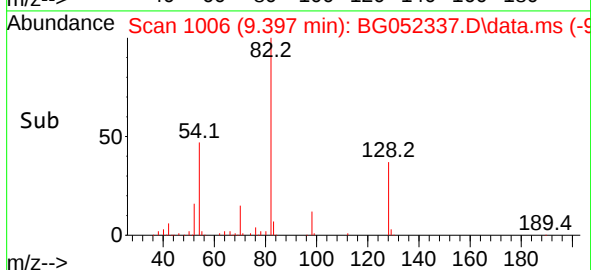
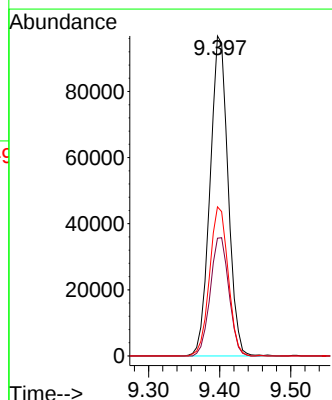
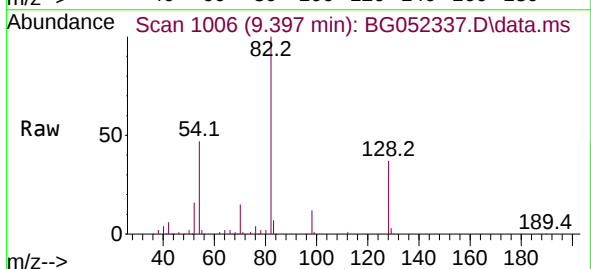
Tgt Ion: 82 Resp: 170411

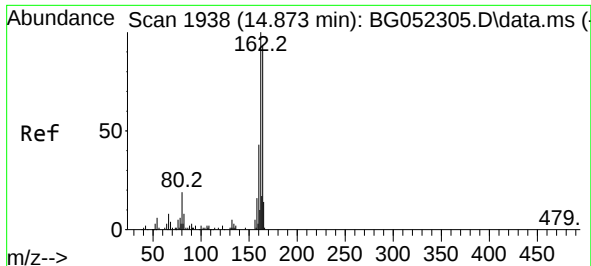
Ion Ratio Lower Upper

82 100

128 36.8 27.0 40.4

54 46.6 41.0 61.6

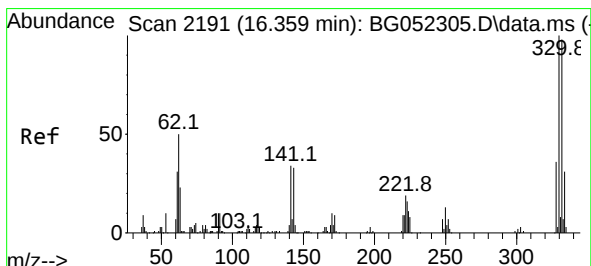
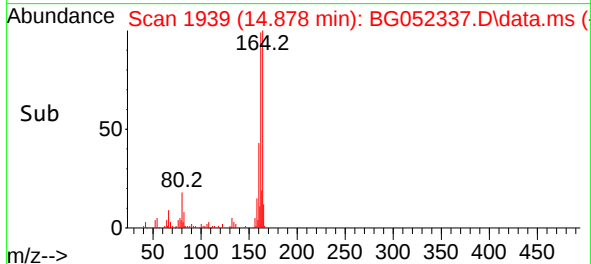
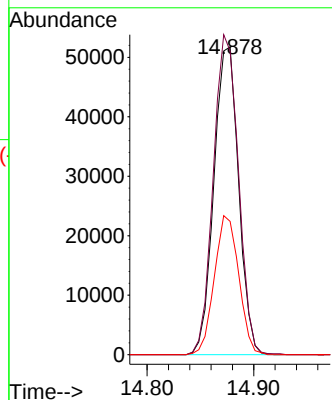
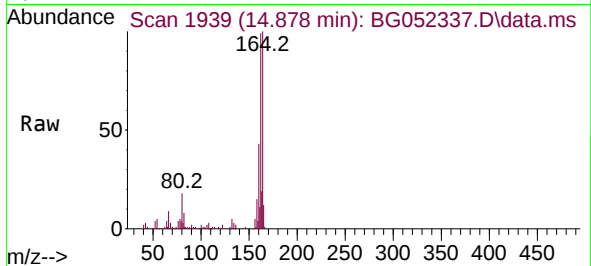




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

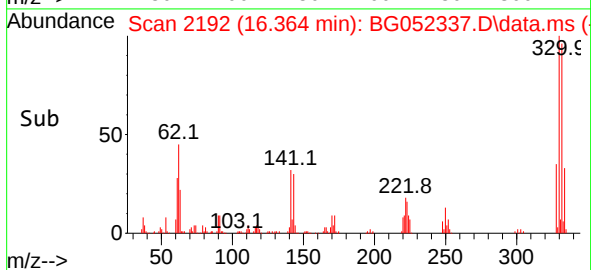
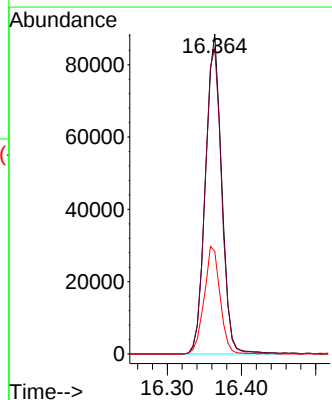
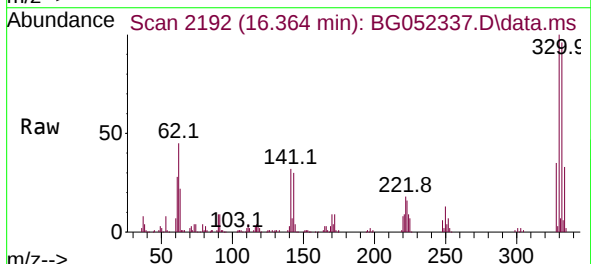
Instrument :
BNA_G
ClientSampleId :
TP-22

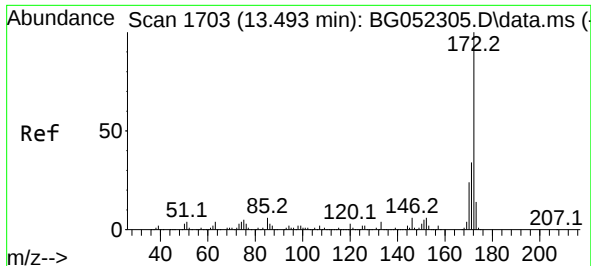
Tgt Ion:164 Resp: 83221
Ion Ratio Lower Upper
164 100
162 98.6 82.2 123.2
160 43.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 112.213 ng
RT: 16.364 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

Tgt Ion:330 Resp: 134162
Ion Ratio Lower Upper
330 100
332 98.1 78.6 117.8
141 33.2 28.8 43.2

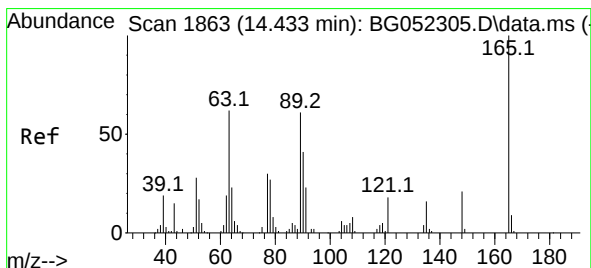
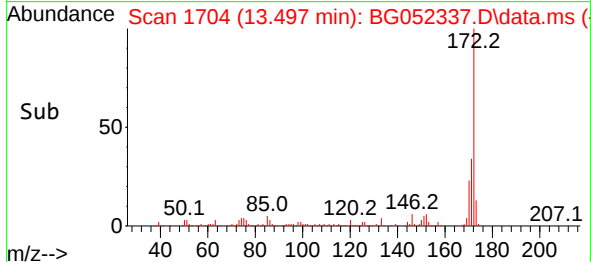
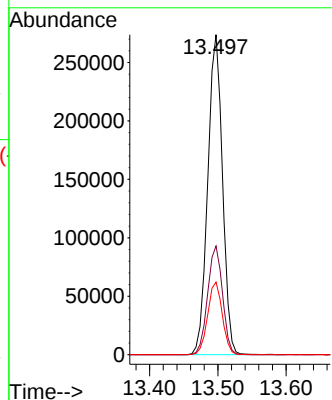
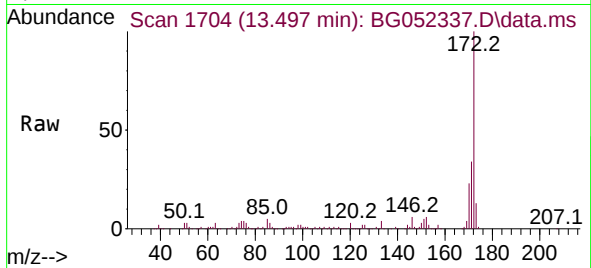




#45
2-Fluorobiphenyl
Concen: 68.569 ng
RT: 13.497 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

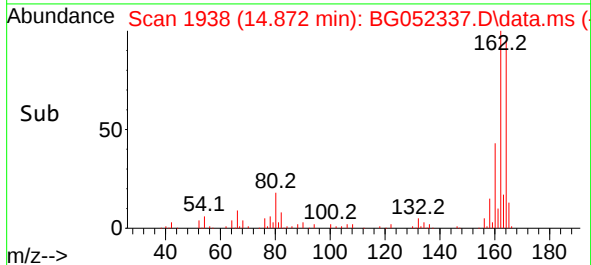
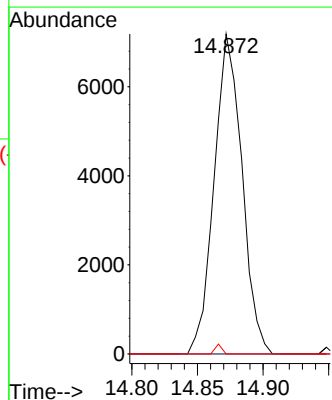
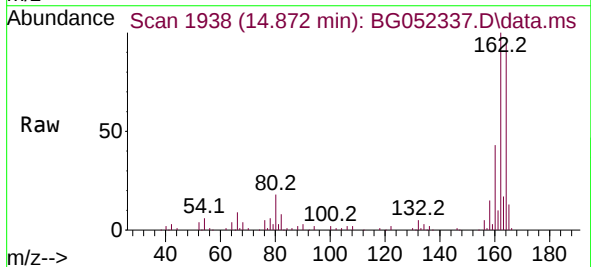
Instrument :
BNA_G
ClientSampleId :
TP-22

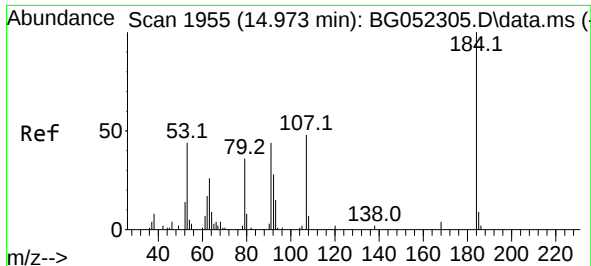
Tgt Ion:172 Resp: 410669
Ion Ratio Lower Upper
172 100
171 33.9 28.3 42.5
170 22.7 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 7.697 ng
RT: 14.872 min Scan# 1938
Delta R.T. 0.439 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

Tgt Ion:165 Resp: 10589
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

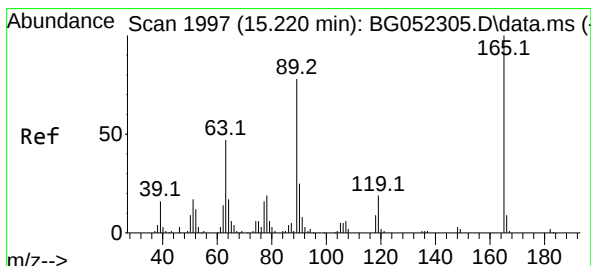
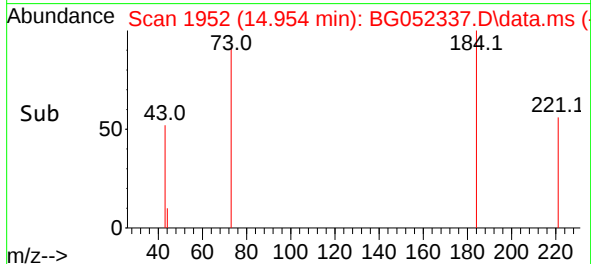
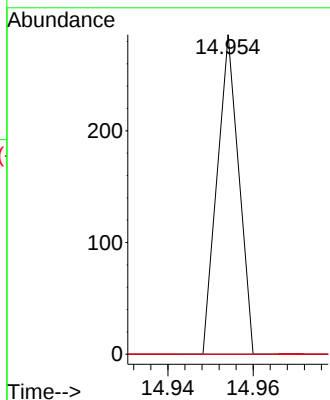
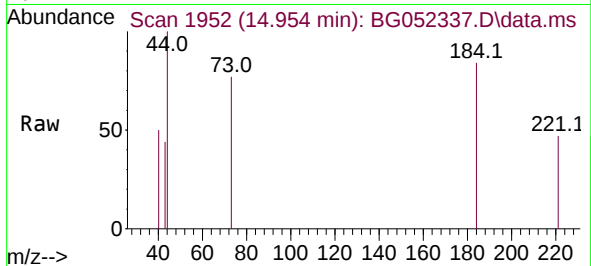




#54
2,4-Dinitrophenol
Concen: 5.013 ng
RT: 14.954 min Scan# 1952
Delta R.T. -0.019 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

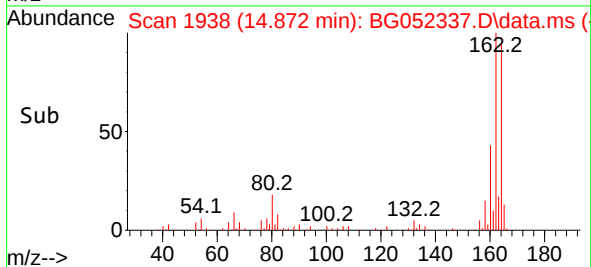
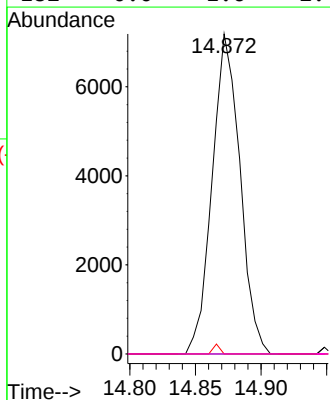
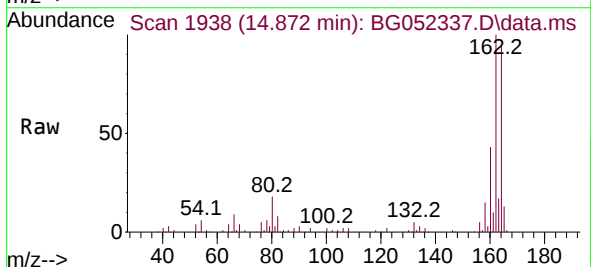
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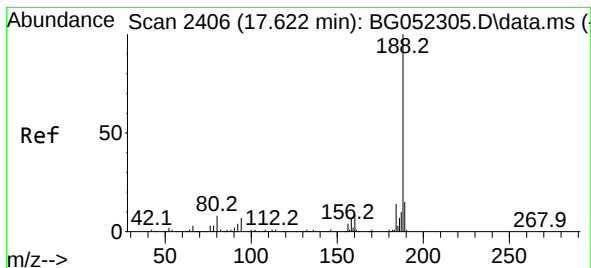
Tgt Ion:184 Resp: 101
Ion Ratio Lower Upper
184 100
63 0.0 56.0 84.0#
154 0.0 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.408 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.348 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

Tgt Ion:165 Resp: 10589
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#

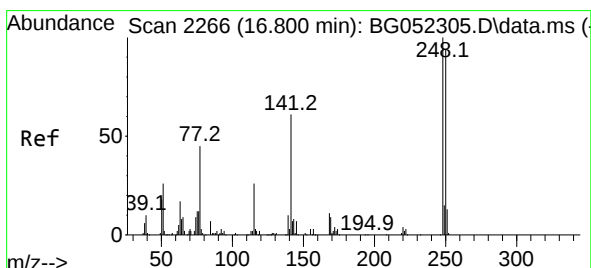
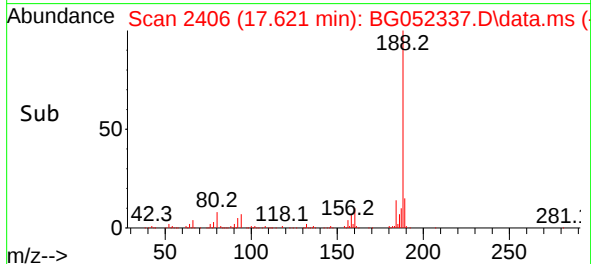
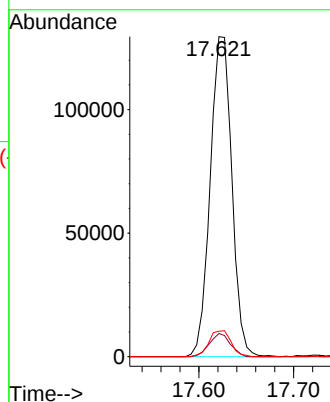
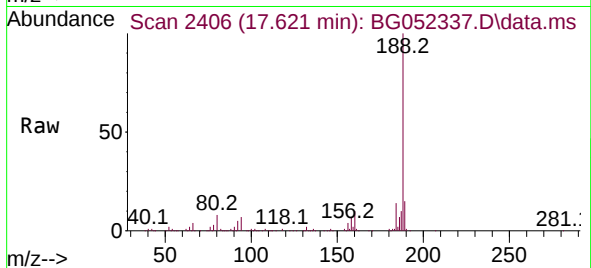




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

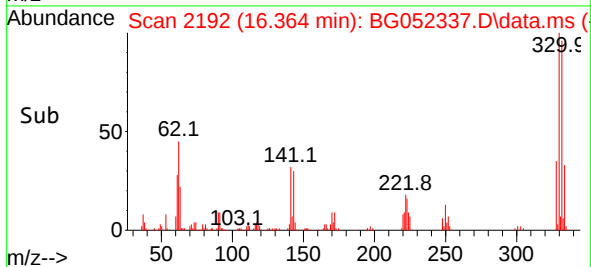
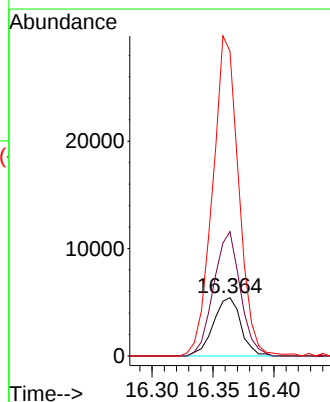
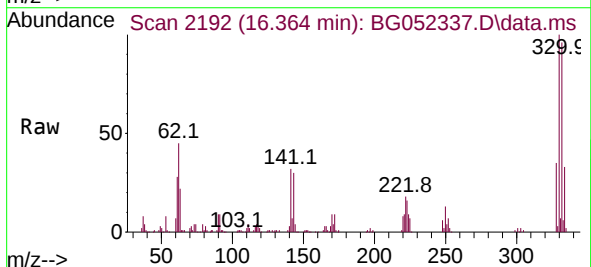
Instrument :
BNA_G
ClientSampleId :
TP-22

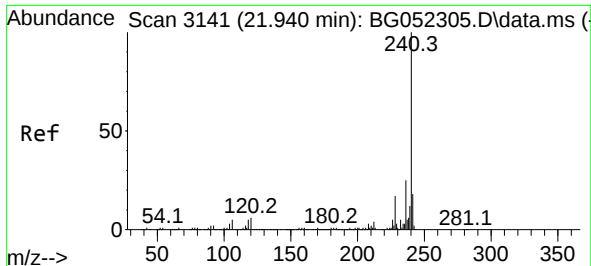
Tgt Ion:188 Resp: 205163
Ion Ratio Lower Upper
188 100
94 7.3 5.9 8.9
80 8.0 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 16.364 min Scan# 2192
Delta R.T. -0.436 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

Tgt Ion:248 Resp: 8499
Ion Ratio Lower Upper
248 100
250 213.2 79.6 119.4#
141 522.8 54.6 81.8#

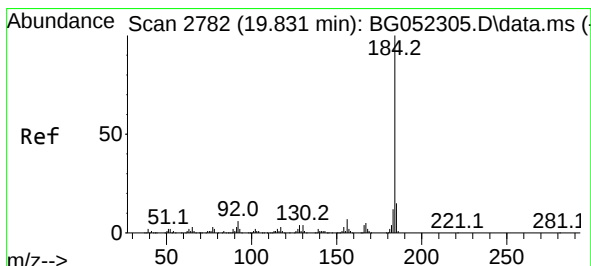
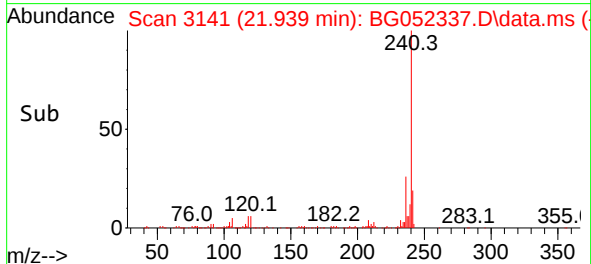
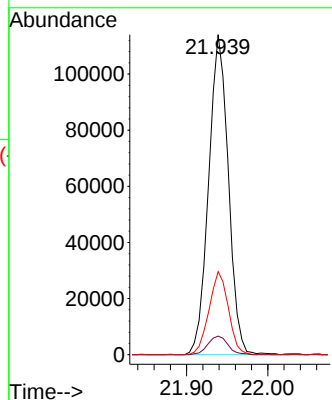
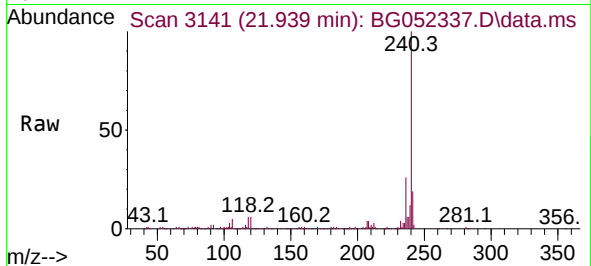




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

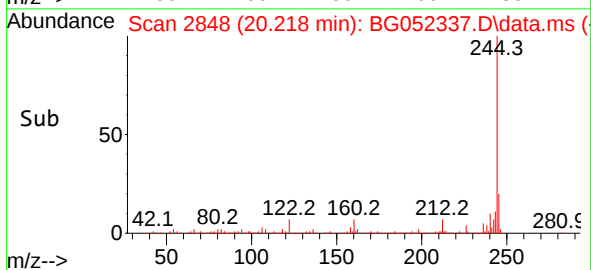
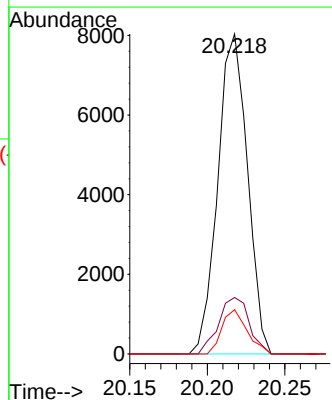
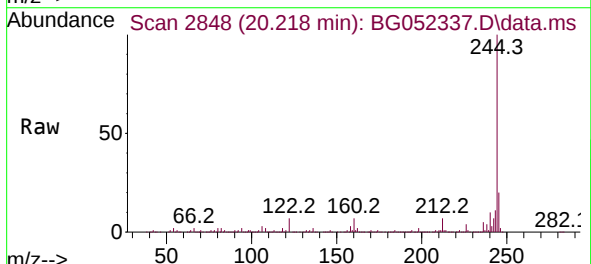
Instrument :
BNA_G
ClientSampleId :
TP-22

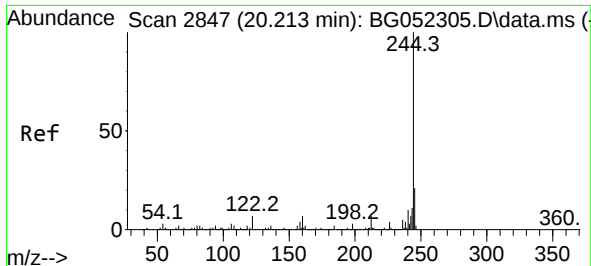
Tgt Ion:240 Resp: 192386
Ion Ratio Lower Upper
240 100
120 5.8 4.4 6.6
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.592 ng
RT: 20.218 min Scan# 2848
Delta R.T. 0.386 min
Lab File: BG052337.D
Acq: 9 Feb 2022 16:27

Tgt Ion:184 Resp: 10654
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.8
183 13.9 9.8 14.6

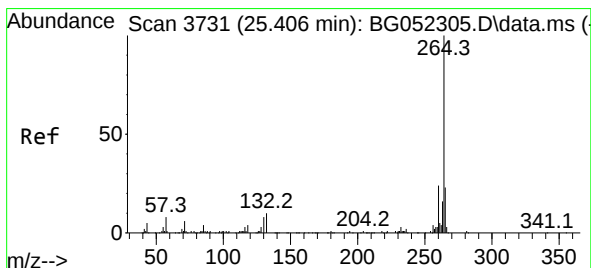
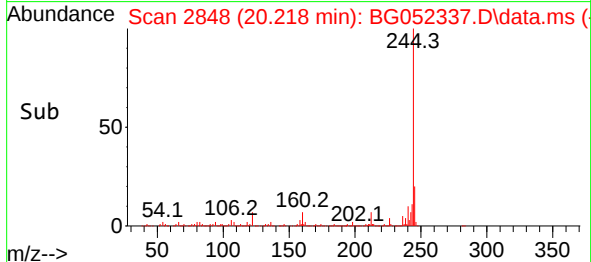
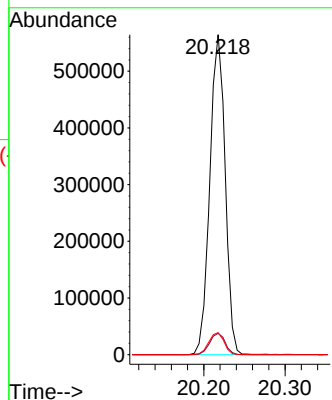
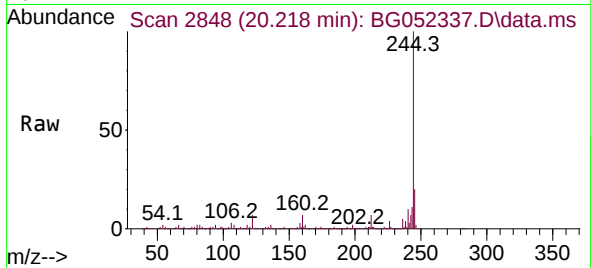




#79
 Terphenyl-d14
 Concen: 67.954 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052337.D
 Acq: 9 Feb 2022 16:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Tgt Ion:244 Resp: 740340
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 6.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.411 min Scan# 3732
 Delta R.T. 0.005 min
 Lab File: BG052337.D
 Acq: 9 Feb 2022 16:27

Tgt Ion:264 Resp: 195220
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.6 17.8 26.6

