

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054988.D
 Acq On : 20 Sep 2022 16:04
 Operator : CG/JU
 Sample : N4697-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 02:53:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

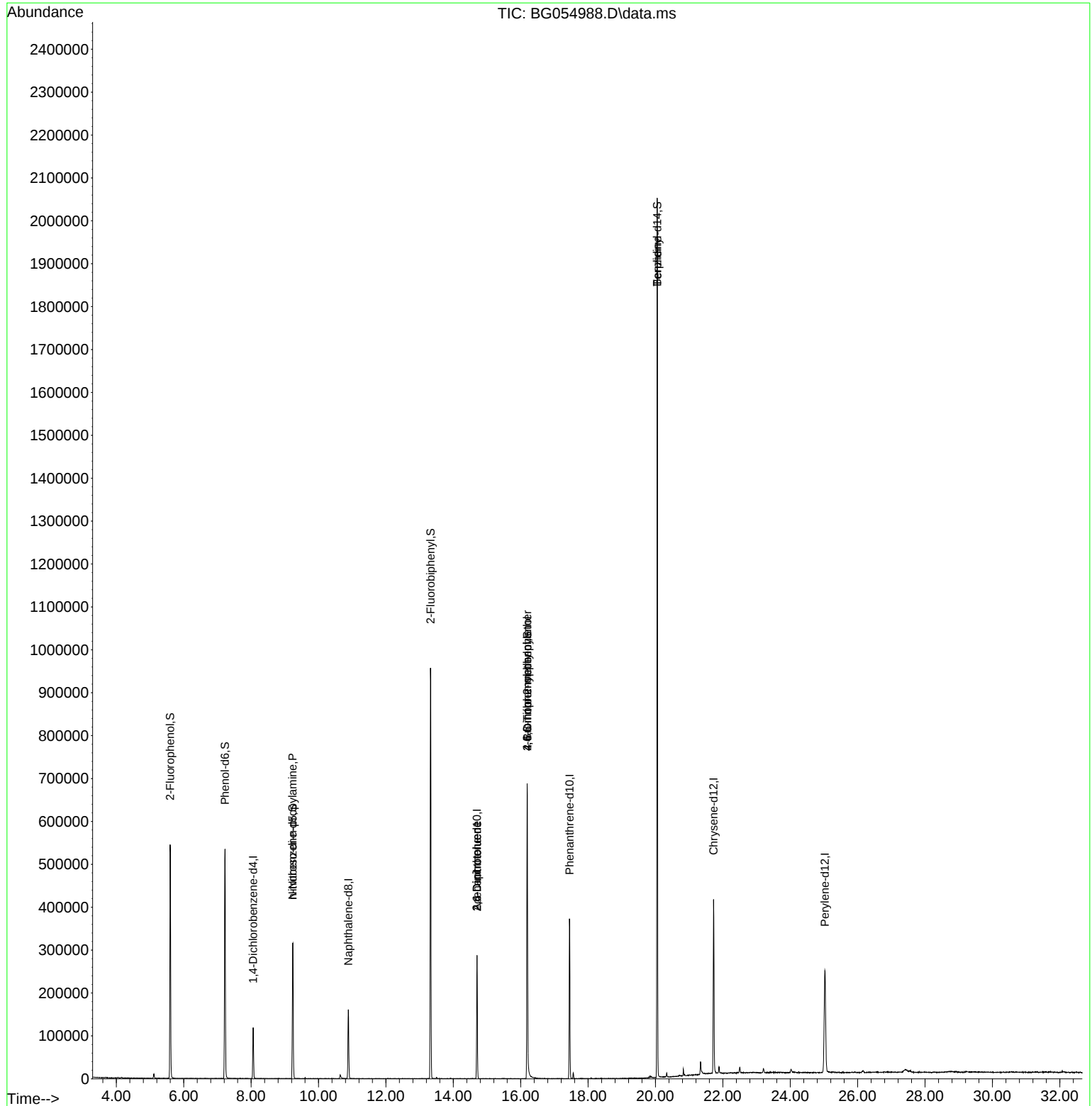
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	36921	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	149224	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	103918	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	252830	20.000	ng	0.00
76) Chrysene-d12	21.724	240	262525	20.000	ng	0.00
86) Perylene-d12	25.026	264	276456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.596	112	270632	143.425	ng	0.00
7) Phenol-d6	7.224	99	356926	141.123	ng	0.00
23) Nitrobenzene-d5	9.233	82	206136	80.068	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	170813	140.310	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	537079	81.451	ng	0.00
79) Terphenyl-d14	20.050	244	989895	78.876	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.233	70	25806	14.824	ng	# 75
51) 2,6-Dinitrotoluene	14.703	165	13502	8.070	ng	# 20
57) 2,4-Dinitrotoluene	14.703	165	13502	5.674	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.196	198	286	5.188	ng	# 9
67) 4-Bromophenyl-phenylether	16.196	248	10180	3.651	ng	# 1
77) Benzidine	20.050	184	14064	2.162	ng	# 92

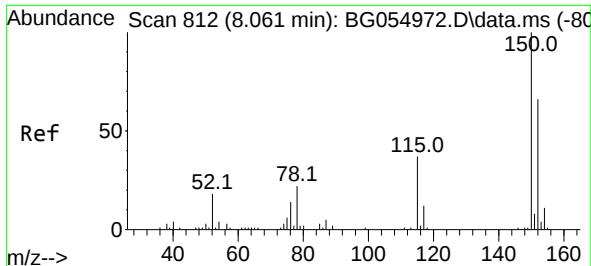
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
Data File : BG054988.D
Acq On : 20 Sep 2022 16:04
Operator : CG/JU
Sample : N4697-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

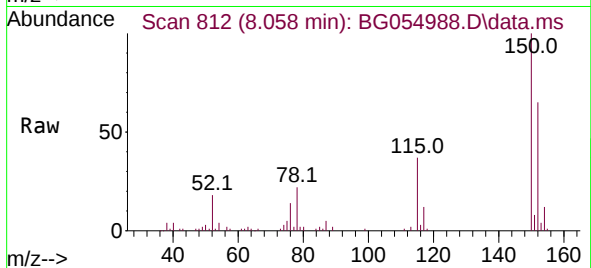
Quant Time: Sep 21 02:53:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration



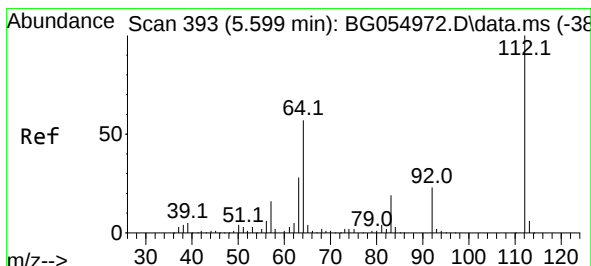
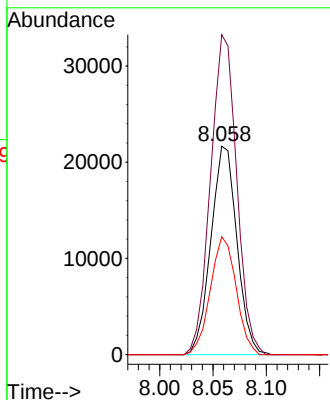
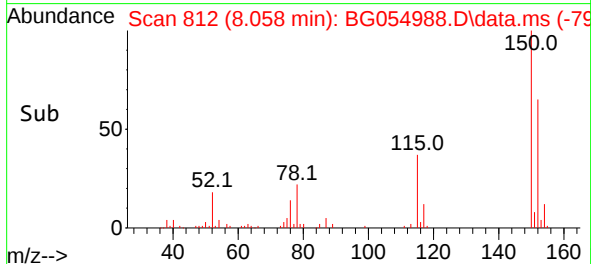


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

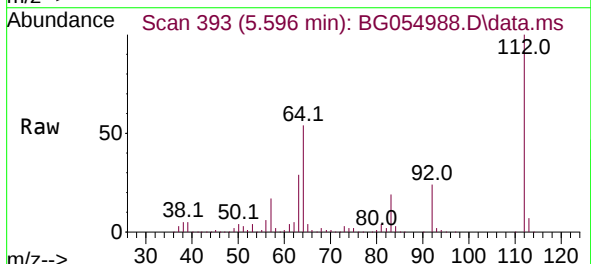
Instrument :
BNA_G
ClientSampleId :



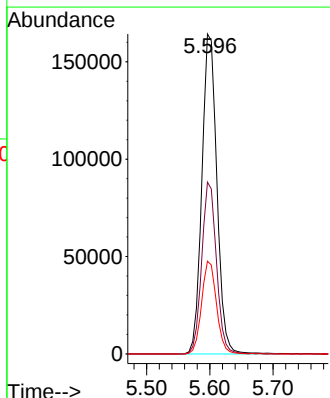
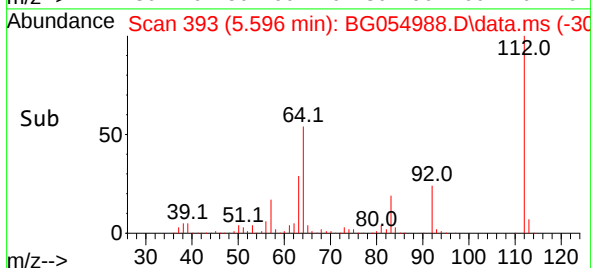
Tgt Ion:152 Resp: 36921
Ion Ratio Lower Upper
152 100
150 153.5 125.2 187.8
115 56.5 47.9 71.9

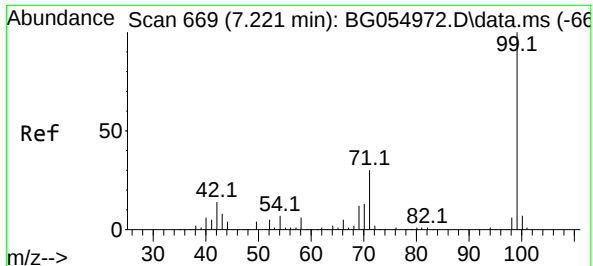


#5
2-Fluorophenol
Concen: 143.425 ng
RT: 5.596 min Scan# 393
Delta R.T. -0.003 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04



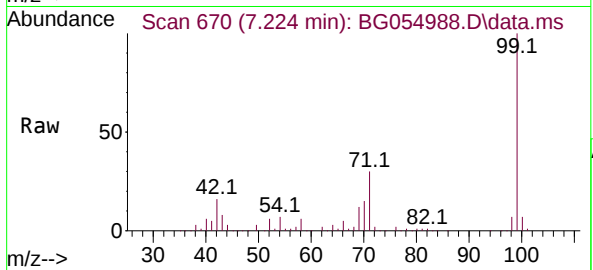
Tgt Ion:112 Resp: 270632
Ion Ratio Lower Upper
112 100
64 53.7 49.3 73.9
63 29.0 26.3 39.5



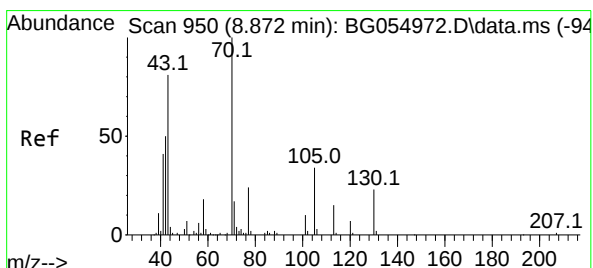
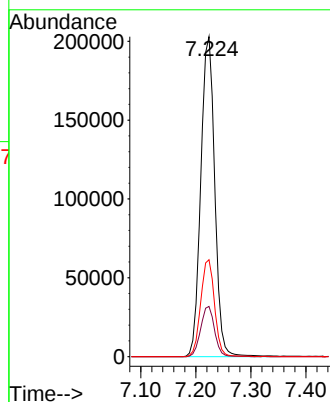
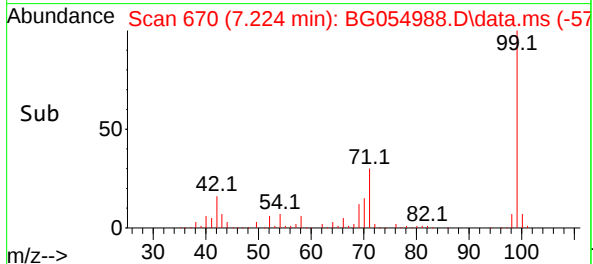


#7
Phenol-d6
Concen: 141.123 ng
RT: 7.224 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

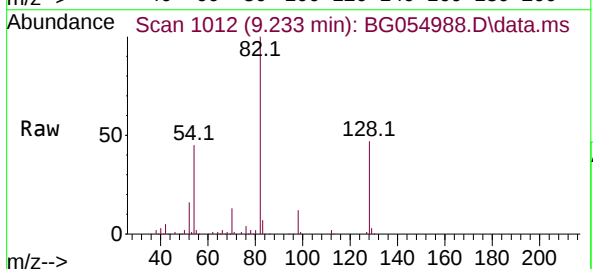
Instrument :
BNA_G
ClientSampleId :



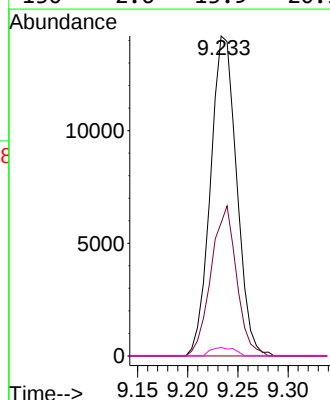
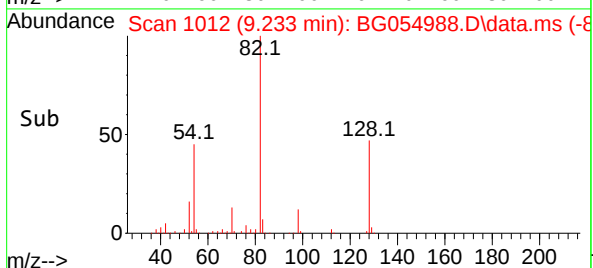
Tgt Ion: 99 Resp: 356926
Ion Ratio Lower Upper
99 100
42 15.7 14.6 22.0
71 30.3 24.6 37.0

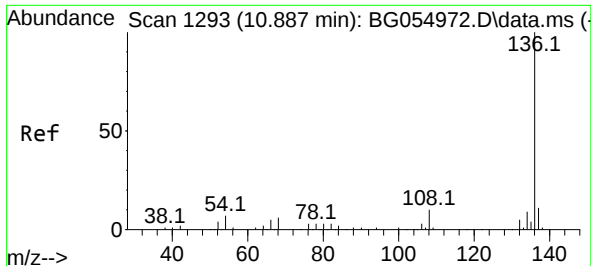


#19
n-Nitroso-di-n-propylamine
Concen: 14.824 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.362 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04



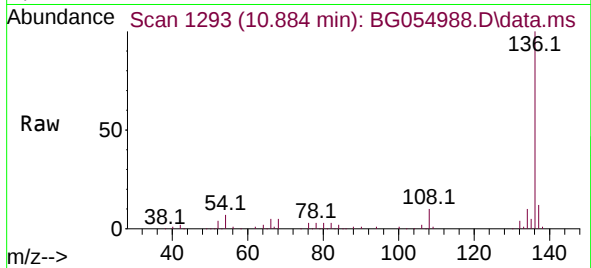
Tgt Ion: 70 Resp: 25806
Ion Ratio Lower Upper
70 100
42 41.6 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#



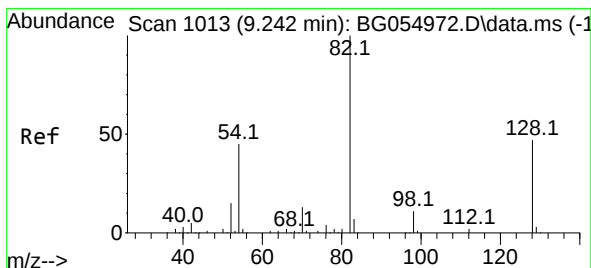
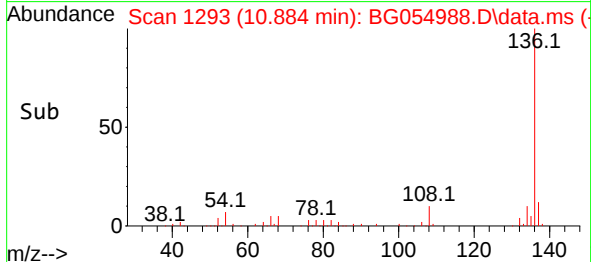
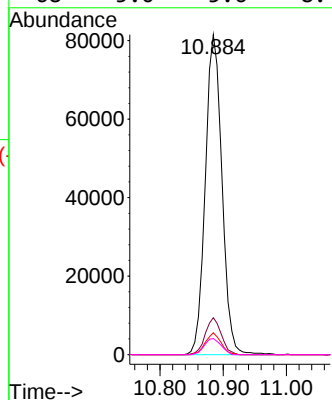


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

Instrument :
BNA_G
ClientSampleId :

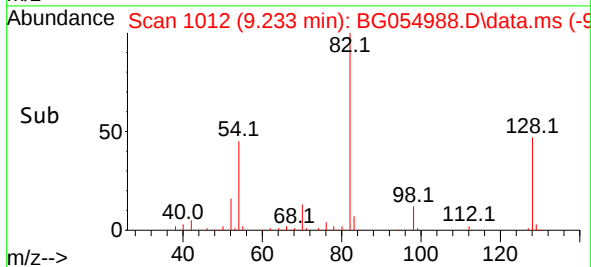
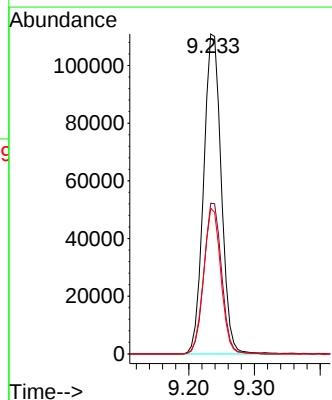
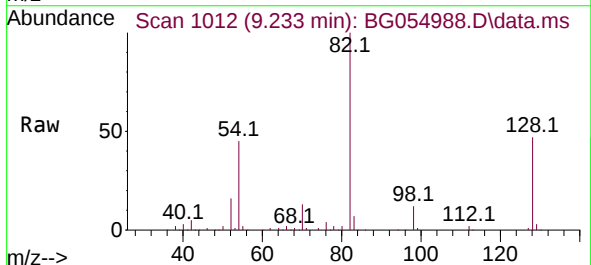


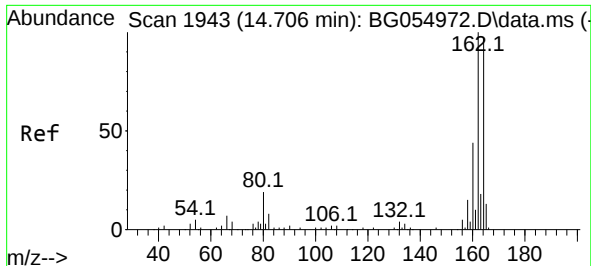
Tgt Ion:136 Resp: 149224
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.8 7.7 11.5#
68 5.0 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 80.068 ng
RT: 9.233 min Scan# 1012
Delta R.T. -0.008 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

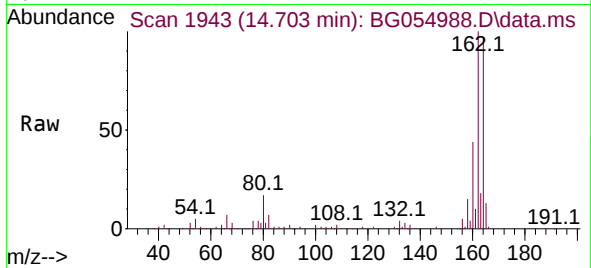
Tgt Ion: 82 Resp: 206136
Ion Ratio Lower Upper
82 100
128 47.1 32.2 48.2
54 45.5 41.4 62.0



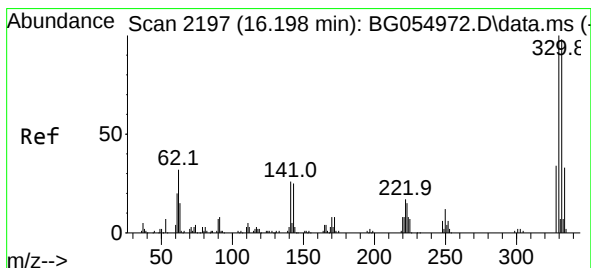
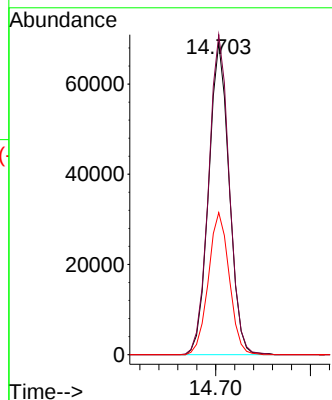
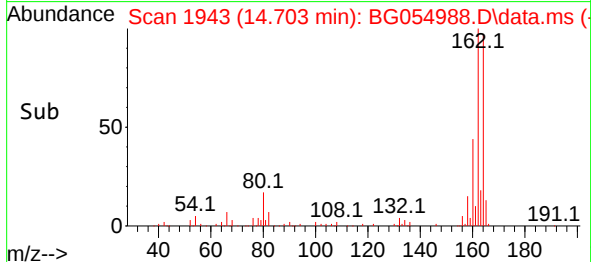


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

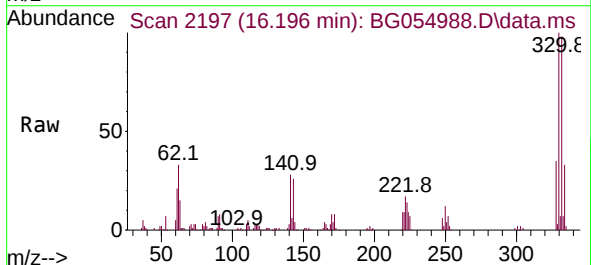
Instrument :
BNA_G
ClientSampleId :



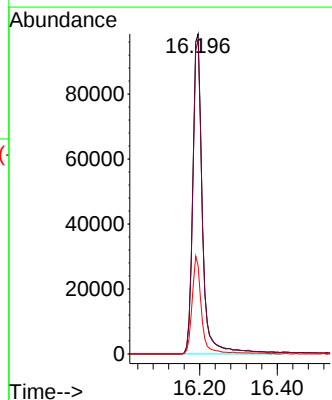
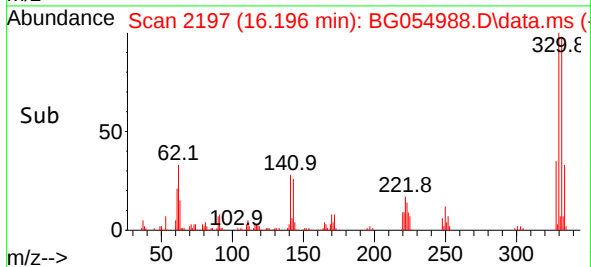
Tgt Ion:164 Resp: 103918
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.4
160 45.5 38.0 57.0

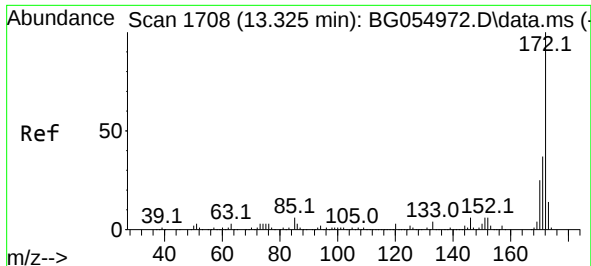


#42
2,4,6-Tribromophenol
Concen: 140.310 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04



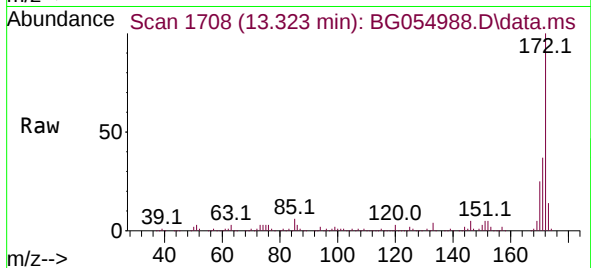
Tgt Ion:330 Resp: 170813
Ion Ratio Lower Upper
330 100
332 95.4 79.8 119.6
141 28.9 26.8 40.2



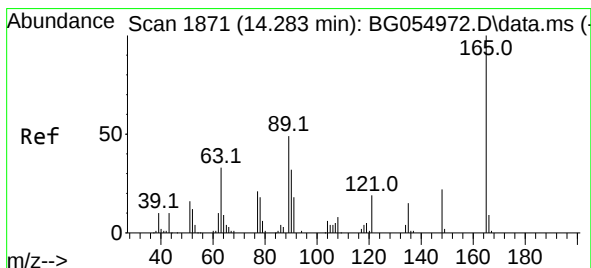
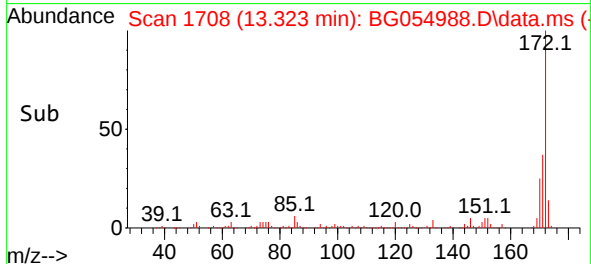
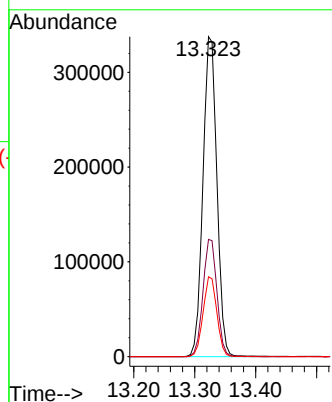


#45
2-Fluorobiphenyl
Concen: 81.451 ng
RT: 13.323 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

Instrument :
BNA_G
ClientSampleId :

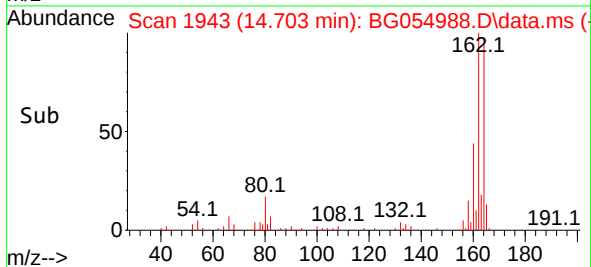
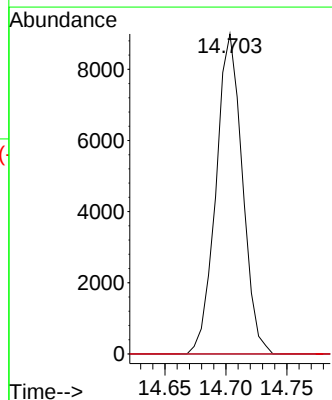
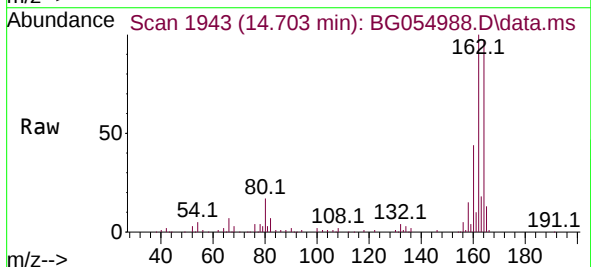


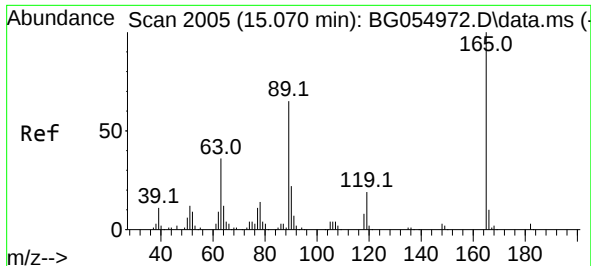
Tgt Ion:172 Resp: 537079
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.070 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

Tgt Ion:165 Resp: 13502
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.674 ng

RT: 14.703 min Scan# 1943

Delta R.T. -0.367 min

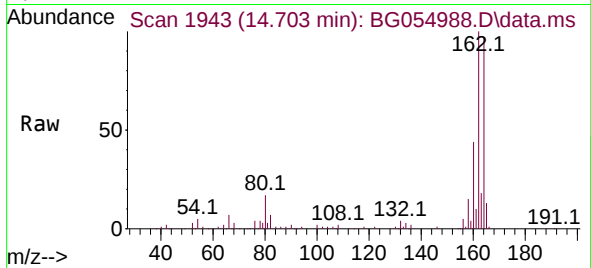
Lab File: BG054988.D

Acq: 20 Sep 2022 16:04

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 13502

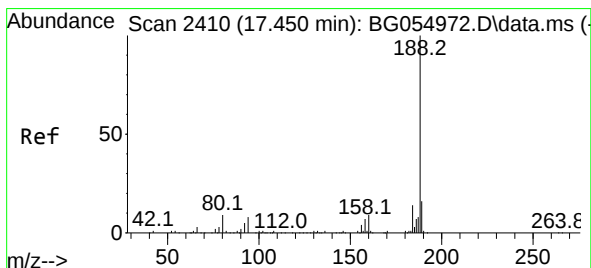
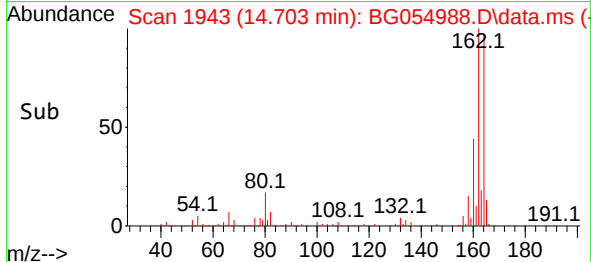
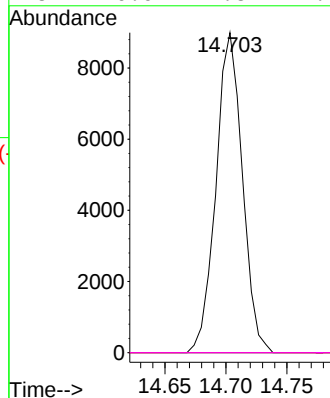
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.447 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG054988.D

Acq: 20 Sep 2022 16:04

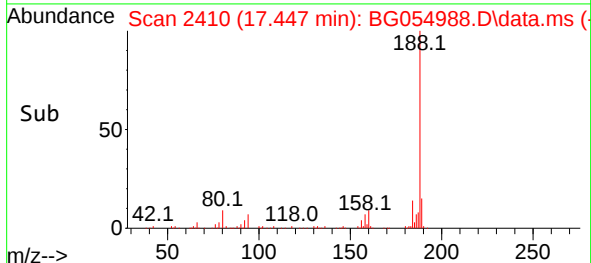
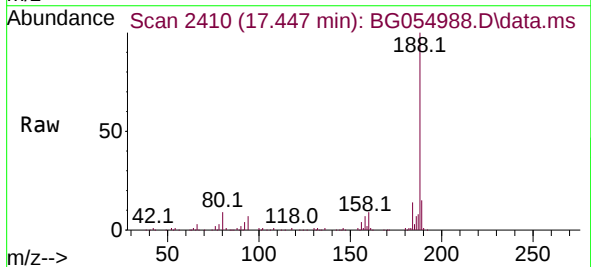
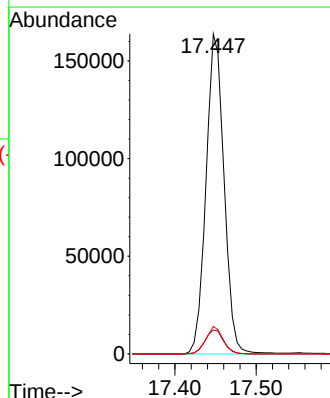
Tgt Ion:188 Resp: 252830

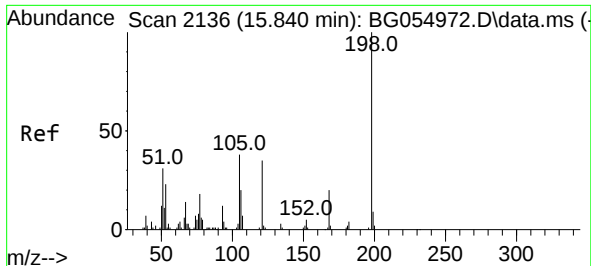
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.6 7.9 11.9

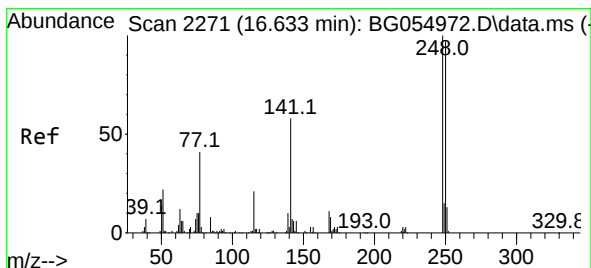
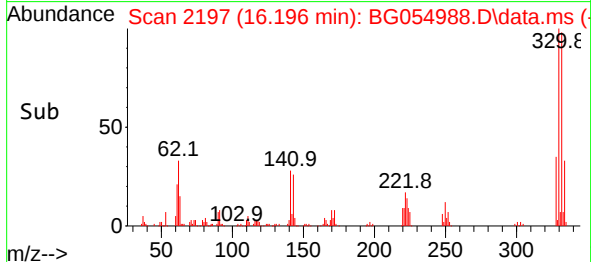
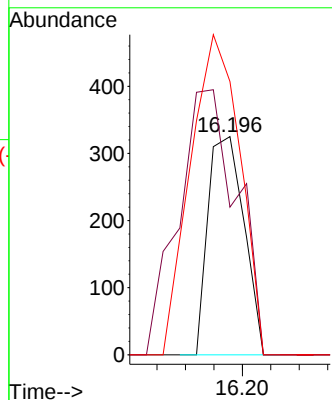
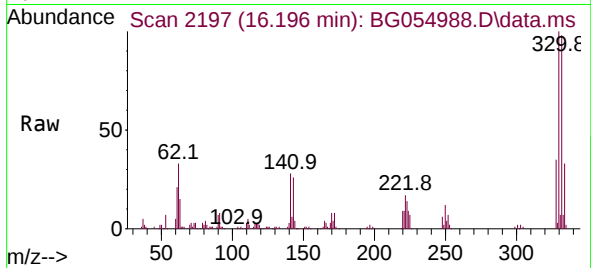




#65
4,6-Dinitro-2-methylphenol
Concen: 5.188 ng
RT: 16.196 min Scan# 2136
Delta R.T. 0.356 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

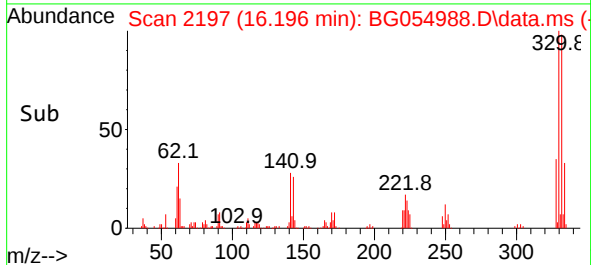
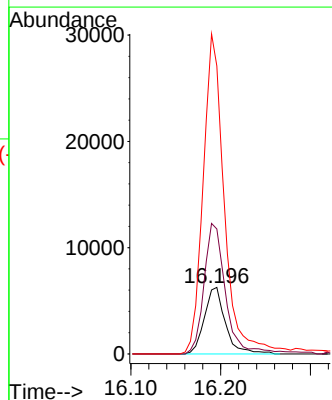
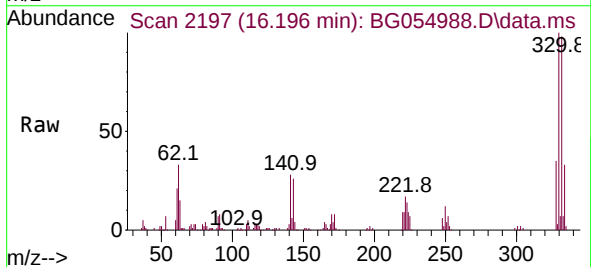
Instrument :
BNA_G
ClientSampleId :

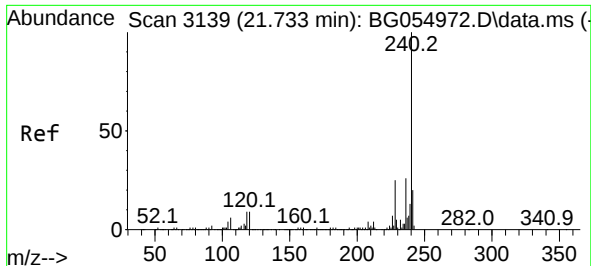
Tgt Ion:198 Resp: 286
Ion Ratio Lower Upper
198 100
51 67.7 19.9 59.9#
105 125.2 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.651 ng
RT: 16.196 min Scan# 2197
Delta R.T. -0.437 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

Tgt Ion:248 Resp: 10180
Ion Ratio Lower Upper
248 100
250 187.9 78.8 118.2#
141 433.1 51.9 77.9#

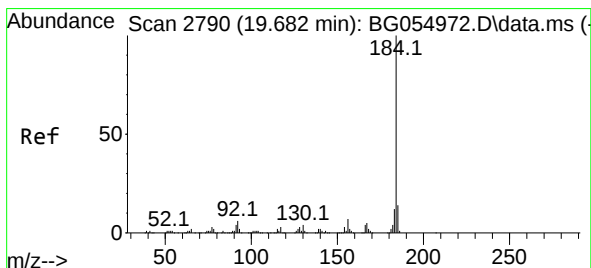
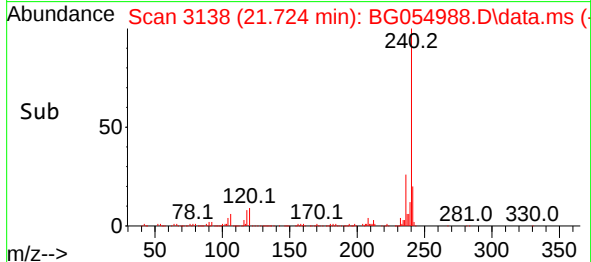
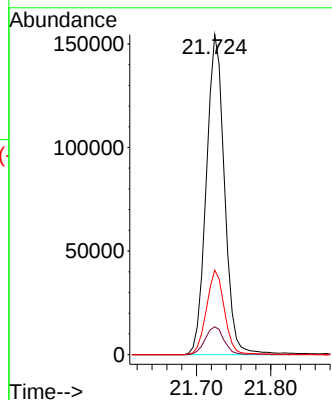
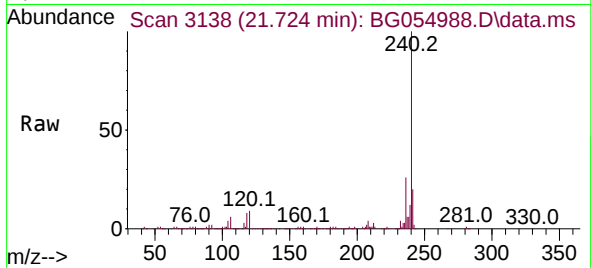




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

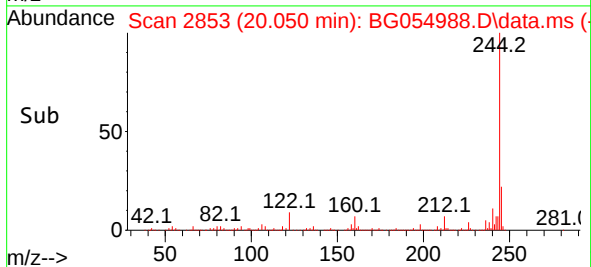
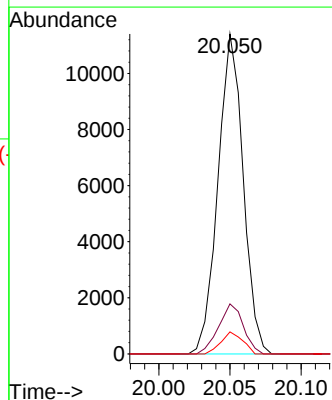
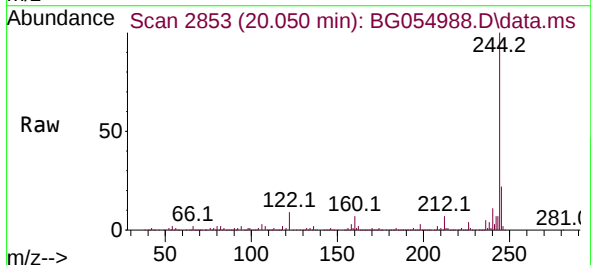
Instrument :
BNA_G
ClientSampleId :

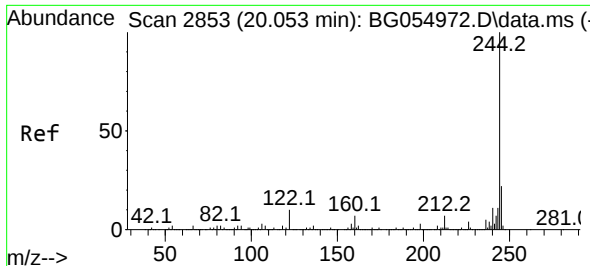
Tgt Ion:240 Resp: 262525
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.4
236 26.4 21.2 31.8



#77
Benzidine
Concen: 2.162 ng
RT: 20.050 min Scan# 2853
Delta R.T. 0.368 min
Lab File: BG054988.D
Acq: 20 Sep 2022 16:04

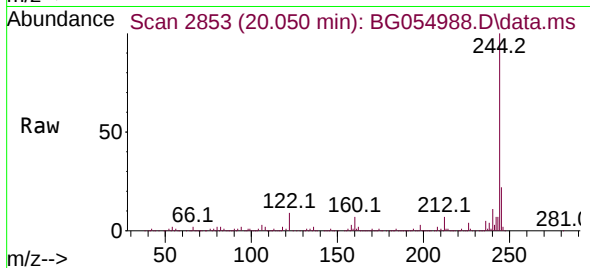
Tgt Ion:184 Resp: 14064
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.0
183 6.9 9.8 14.8#



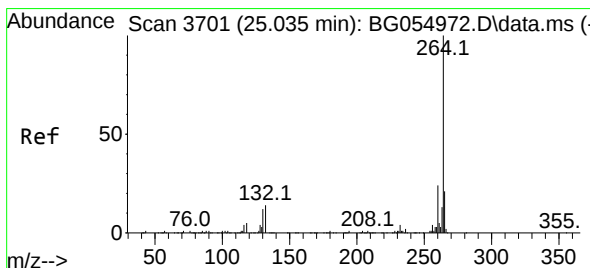
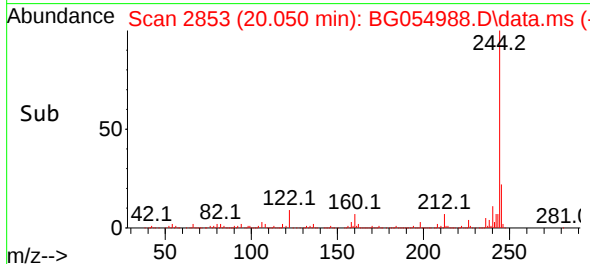
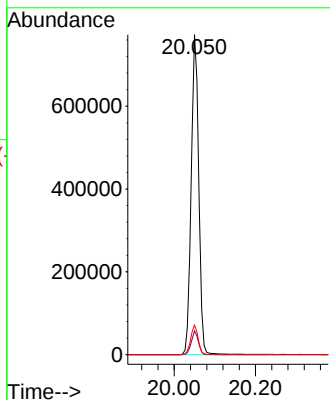


#79
 Terphenyl-d14
 Concen: 78.876 ng
 RT: 20.050 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054988.D
 Acq: 20 Sep 2022 16:04

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 989895
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 3700
 Delta R.T. -0.008 min
 Lab File: BG054988.D
 Acq: 20 Sep 2022 16:04

Tgt Ion:264 Resp: 276456
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 20.9 16.9 25.3

