

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053646.D
 Acq On : 20 May 2022 16:26
 Operator : CG/JU
 Sample : N2872-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01

Quant Time: May 23 01:31:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

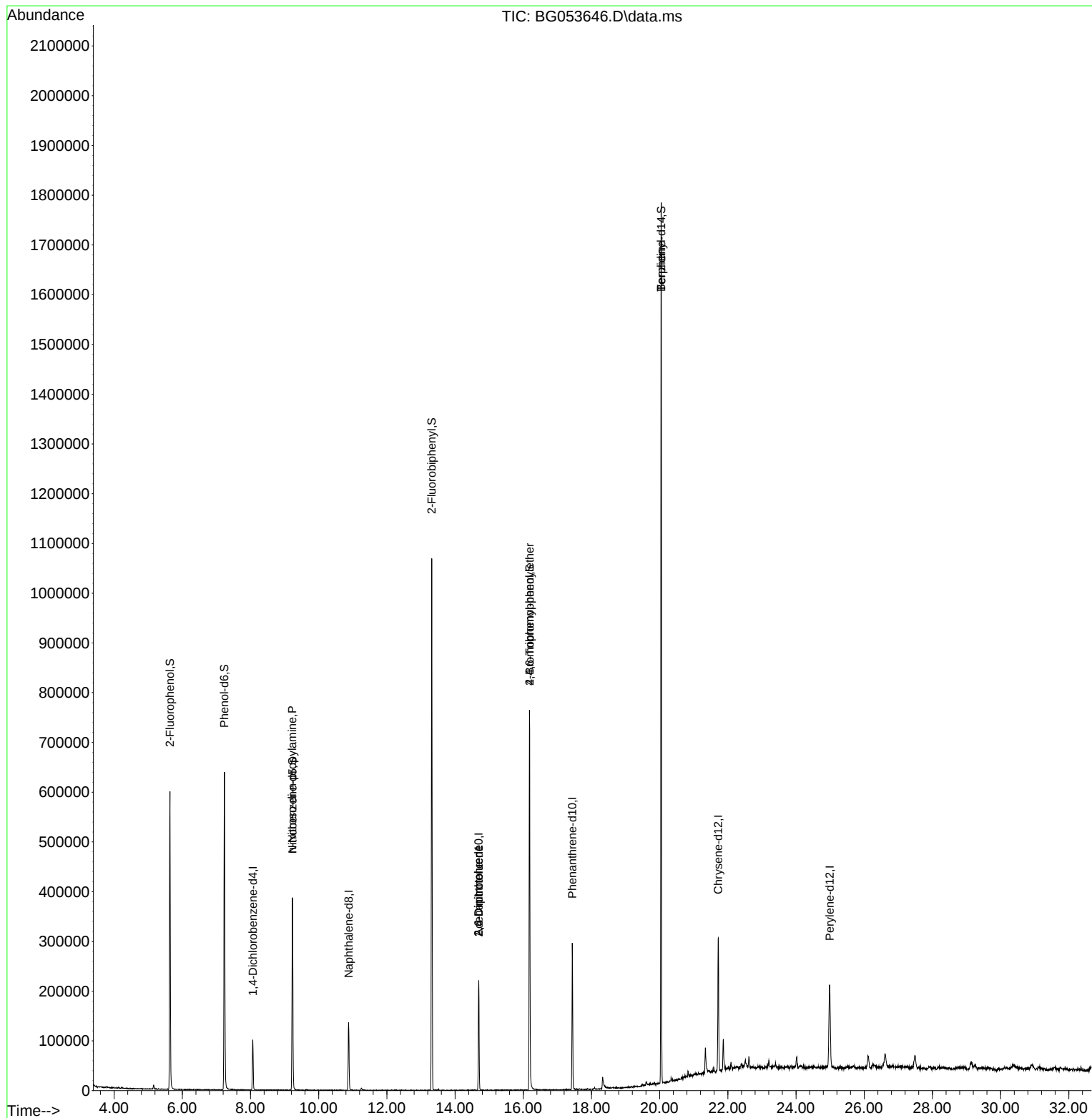
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	29562	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	115266	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	81049	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	183893	20.000	ng	-0.01
76) Chrysene-d12	21.716	240	174381	20.000	ng	-0.02
86) Perylene-d12	24.988	264	171772	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	247485	142.079	ng	0.00
7) Phenol-d6	7.235	99	374148	141.531	ng	0.00
23) Nitrobenzene-d5	9.233	82	259912	95.987	ng	0.00
42) 2,4,6-Tribromophenol	16.188	330	160650	134.393	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	550240	99.206	ng	-0.01
79) Terphenyl-d14	20.047	244	912798	97.491	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.227	70	35593	18.765	ng	# 78
51) 2,6-Dinitrotoluene	14.696	165	10902	8.688	ng	# 17
57) 2,4-Dinitrotoluene	14.696	165	10902	5.994	ng	# 22
67) 4-Bromophenyl-phenylether	16.188	248	10528	4.902	ng	# 1
77) Benzidine	20.047	184	15373	4.090	ng	# 90

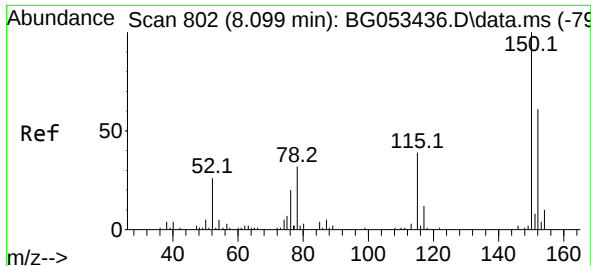
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053646.D
Acq On : 20 May 2022 16:26
Operator : CG/JU
Sample : N2872-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

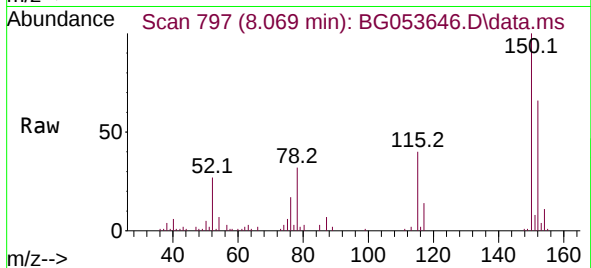
Quant Time: May 23 01:31:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration



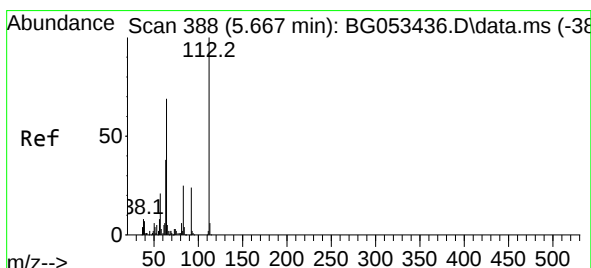
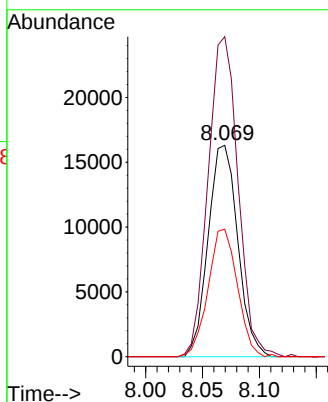
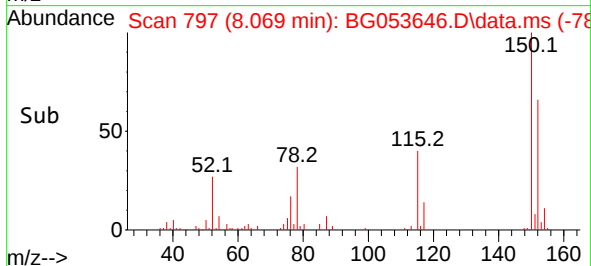


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

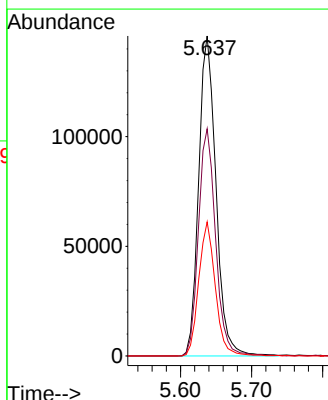
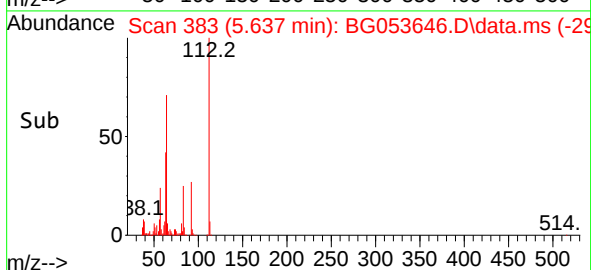
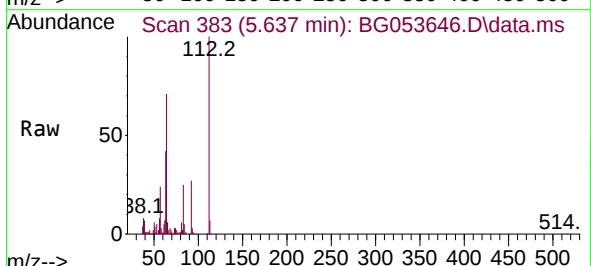


Tgt Ion:152 Resp: 29562
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 60.3 50.9 76.3



#5
2-Fluorophenol
Concen: 142.079 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion:112 Resp: 247485
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 41.9 30.4 45.6

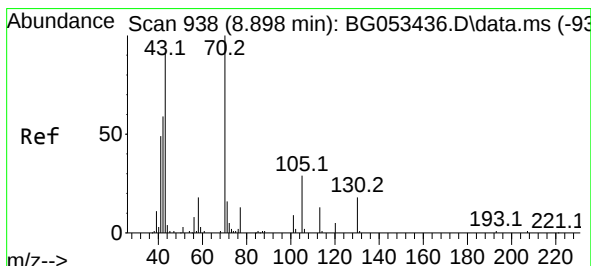
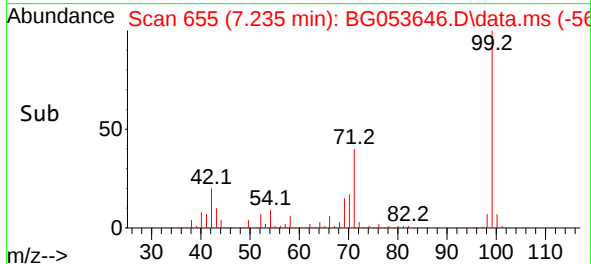
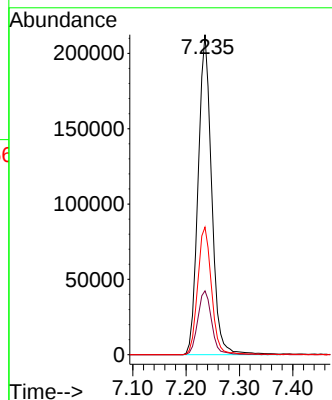
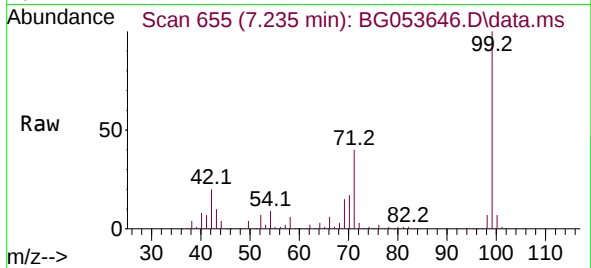




#7
Phenol-d6
Concen: 141.531 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

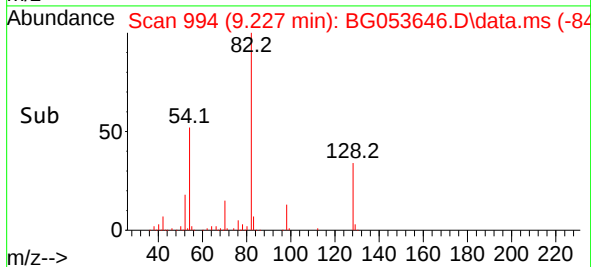
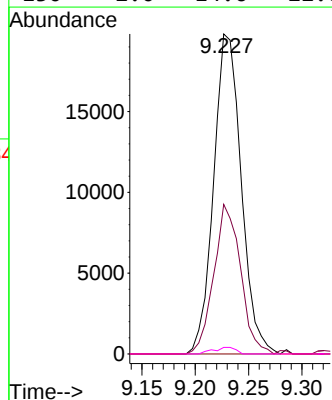
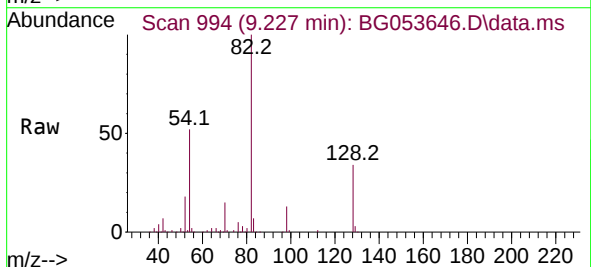
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

Tgt Ion: 99 Resp: 374148
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 39.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.765 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.347 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion: 70 Resp: 35593
Ion Ratio Lower Upper
70 100
42 46.8 47.3 70.9#
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.877 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053646.D

Acq: 20 May 2022 16:26

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01

Tgt Ion:136 Resp: 115266

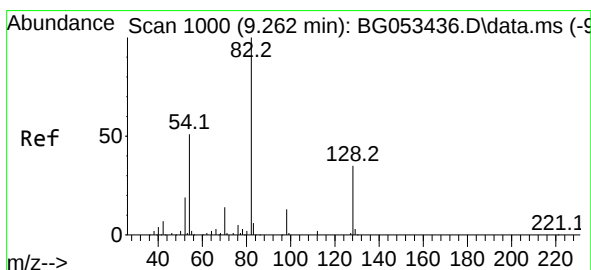
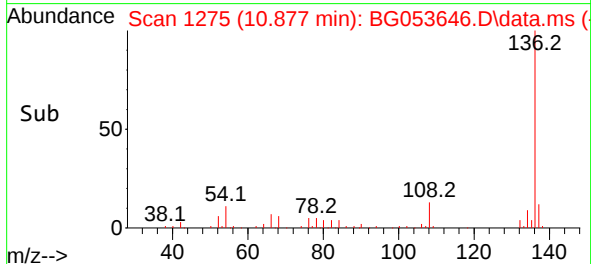
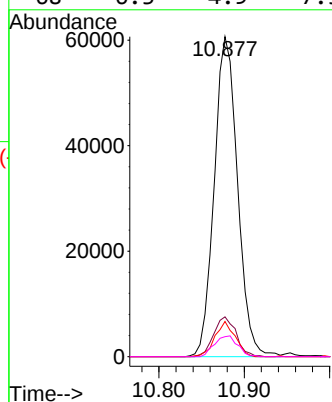
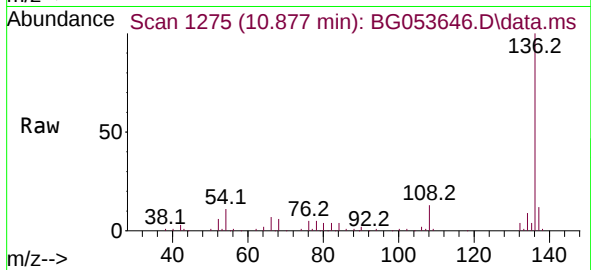
Ion Ratio Lower Upper

136 100

137 12.4 8.5 12.7

54 11.0 7.4 11.2

68 6.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 95.987 ng

RT: 9.233 min Scan# 995

Delta R.T. -0.006 min

Lab File: BG053646.D

Acq: 20 May 2022 16:26

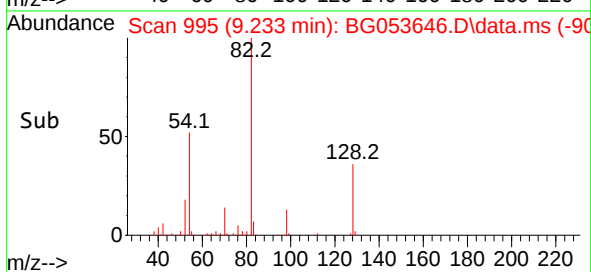
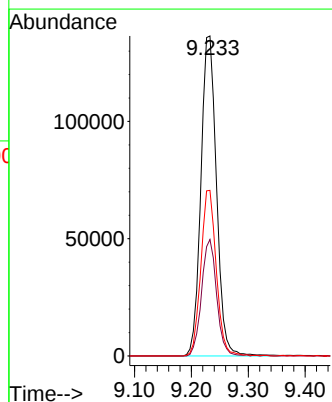
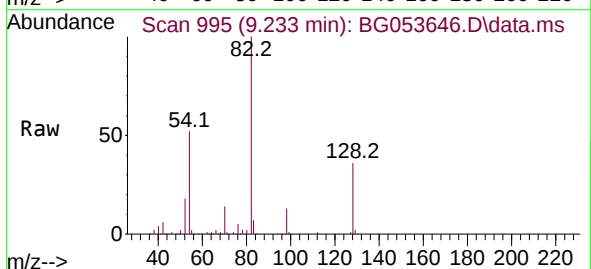
Tgt Ion: 82 Resp: 259912

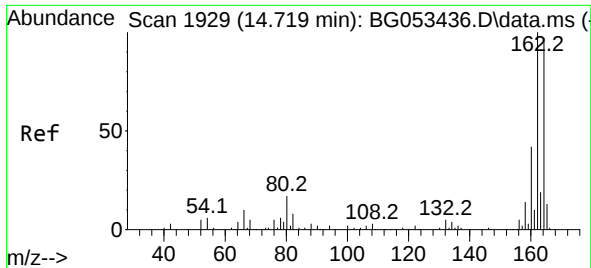
Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

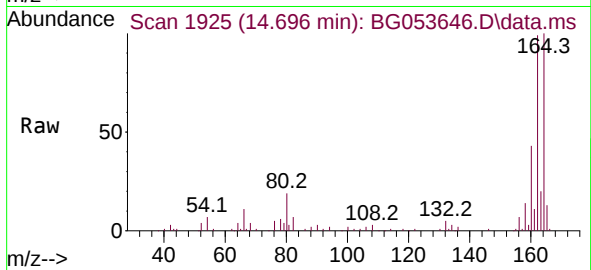
54 51.8 41.2 61.8



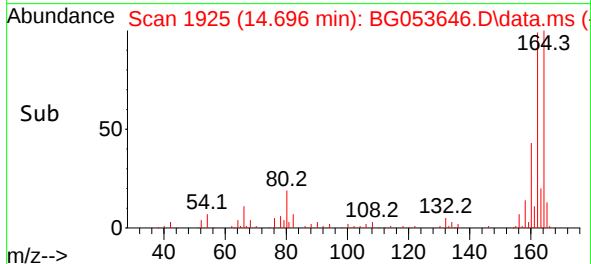
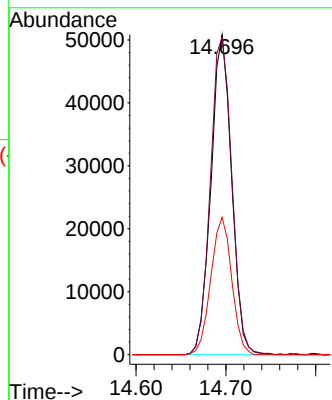


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.696 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BG053646.D
 Acq: 20 May 2022 16:26

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01

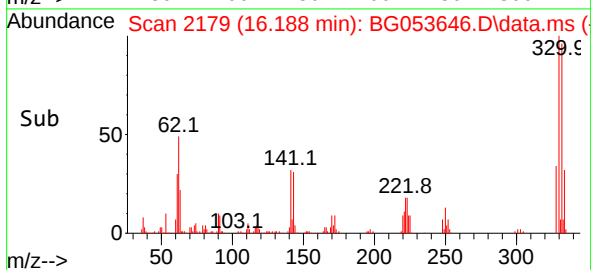
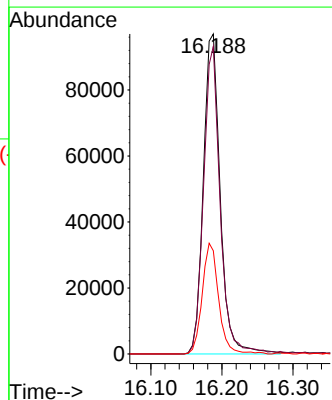
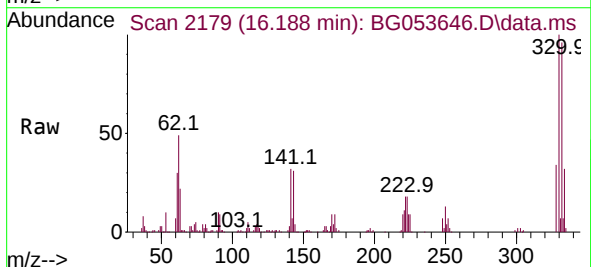


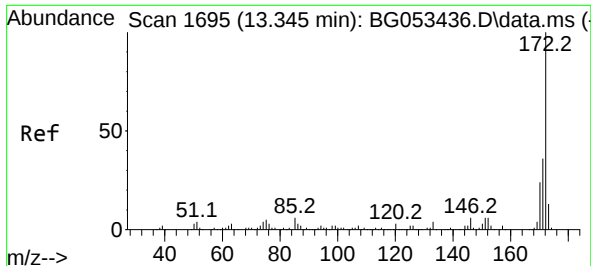
Tgt Ion:164 Resp: 81049
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.3 123.5
 160 42.9 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 134.393 ng
 RT: 16.188 min Scan# 2179
 Delta R.T. -0.006 min
 Lab File: BG053646.D
 Acq: 20 May 2022 16:26

Tgt Ion:330 Resp: 160650
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.0 114.0
 141 33.7 27.1 40.7

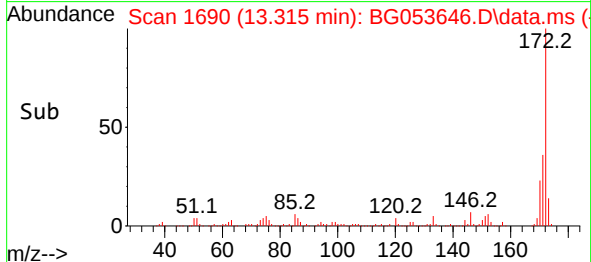
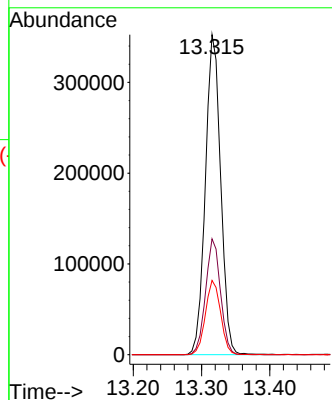
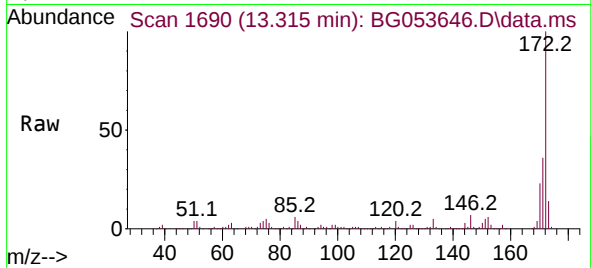




#45
2-Fluorobiphenyl
Concen: 99.206 ng
RT: 13.315 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

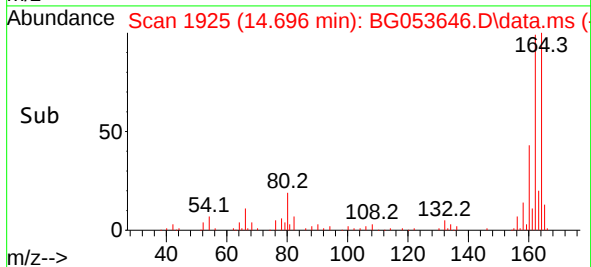
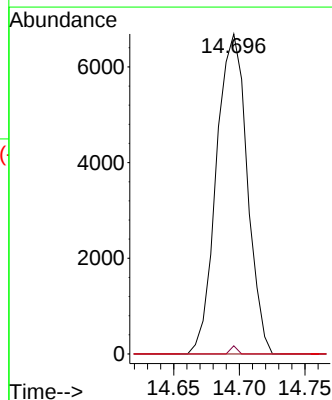
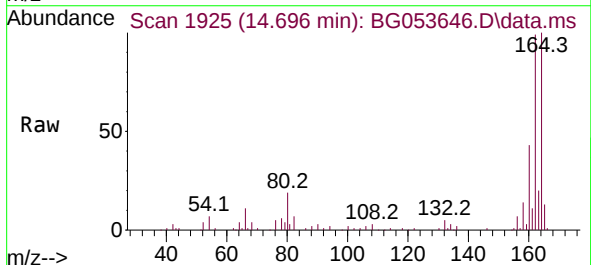
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

Tgt Ion:172 Resp: 550240
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.688 ng
RT: 14.696 min Scan# 1925
Delta R.T. 0.423 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion:165 Resp: 10902
Ion Ratio Lower Upper
165 100
63 2.5 54.1 81.1#
89 0.0 54.8 82.2#

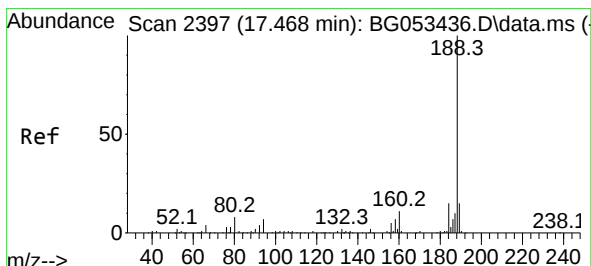
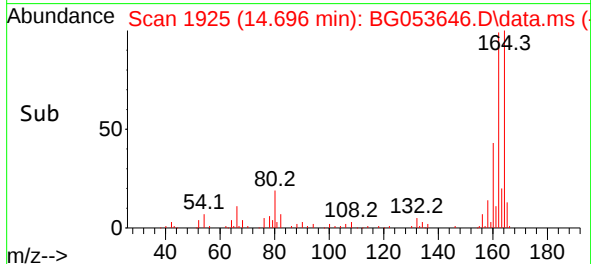
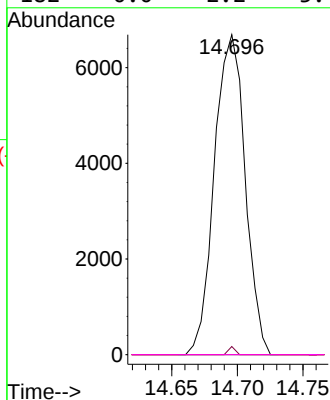
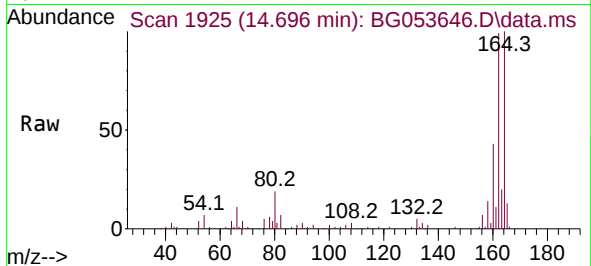




#57
2,4-Dinitrotoluene
Concen: 5.994 ng
RT: 14.696 min Scan# 1991
Delta R.T. -0.370 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

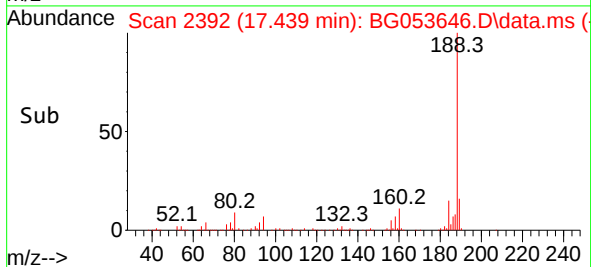
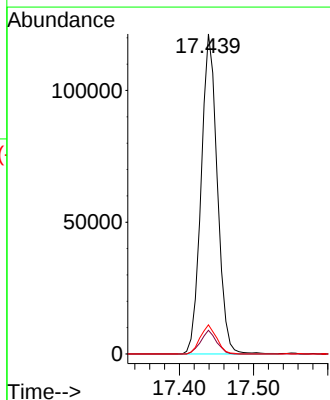
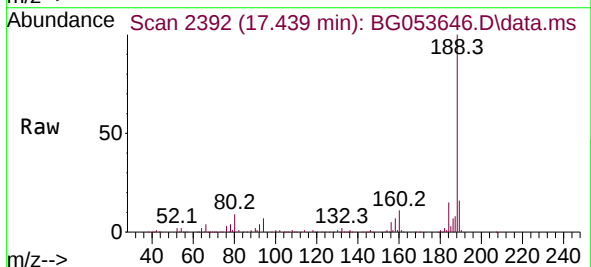
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

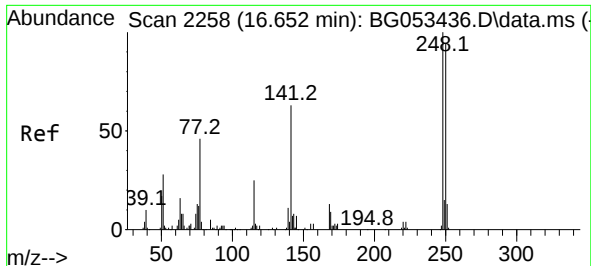
Tgt Ion:165 Resp: 10902
Ion Ratio Lower Upper
165 100
63 2.5 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2392
Delta R.T. -0.011 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion:188 Resp: 183893
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 9.1 6.8 10.2

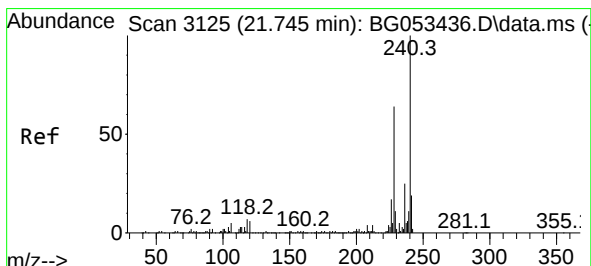
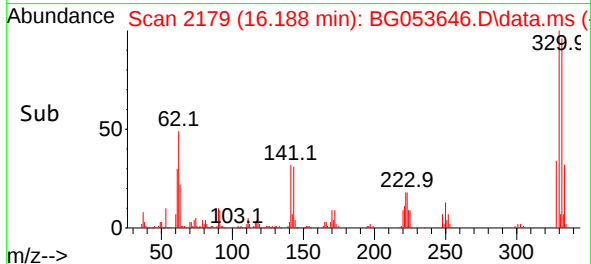
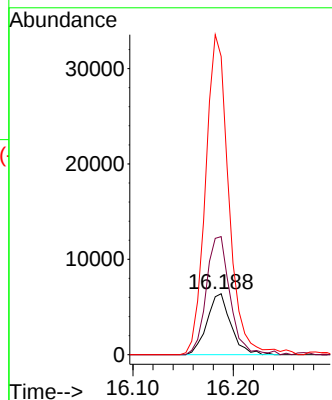
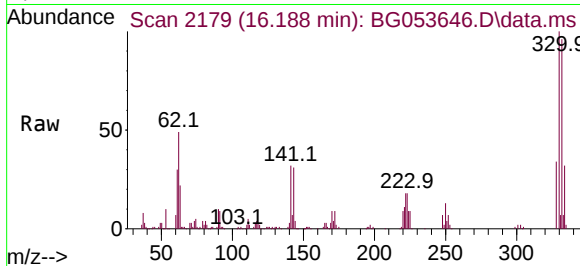




#67
4-Bromophenyl-phenylether
Concen: 4.902 ng
RT: 16.188 min Scan# 2179
Delta R.T. -0.440 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

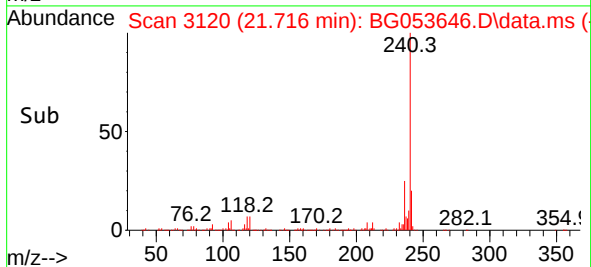
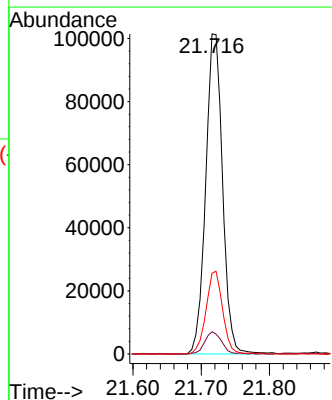
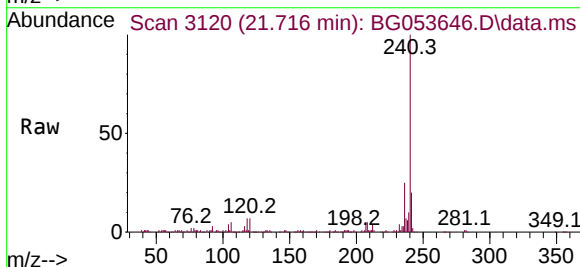
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

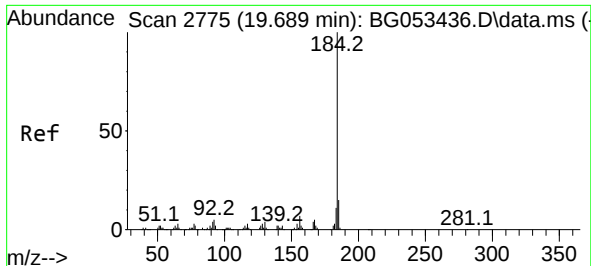
Tgt Ion:248 Resp: 10528
Ion Ratio Lower Upper
248 100
250 193.8 75.2 112.8#
141 489.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion:240 Resp: 174381
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.2 20.2 30.4

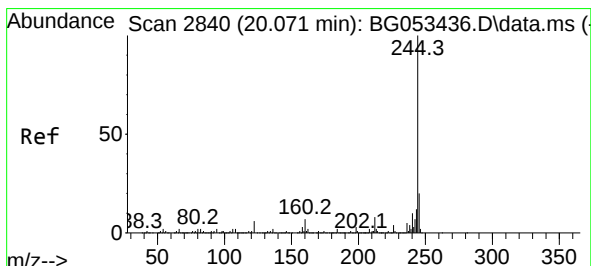
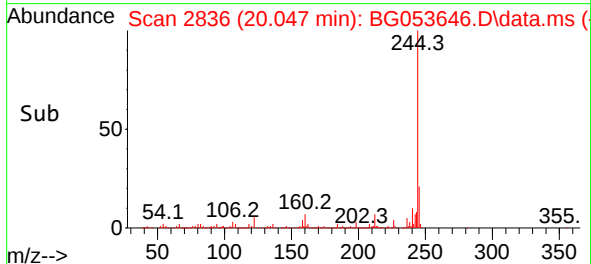
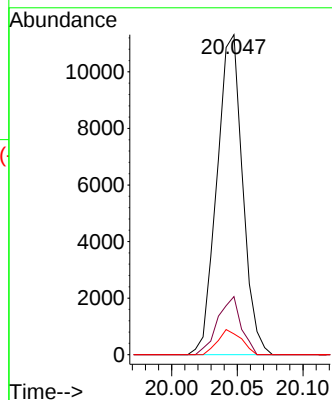
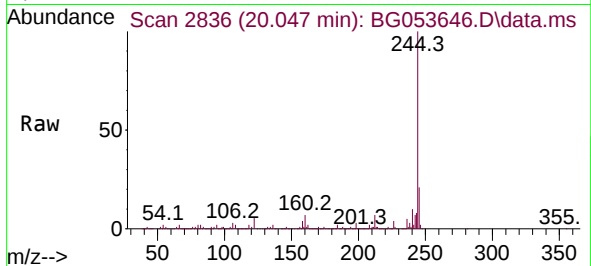




#77
Benzidine
Concen: 4.090 ng
RT: 20.047 min Scan# 2836
Delta R.T. 0.376 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

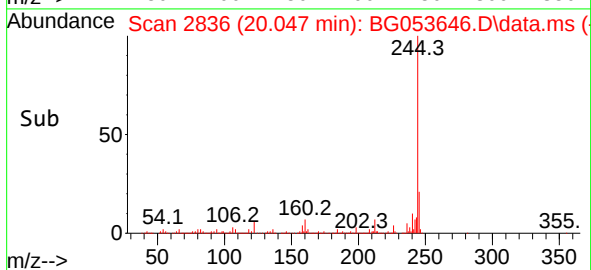
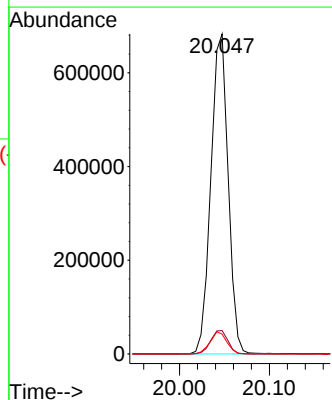
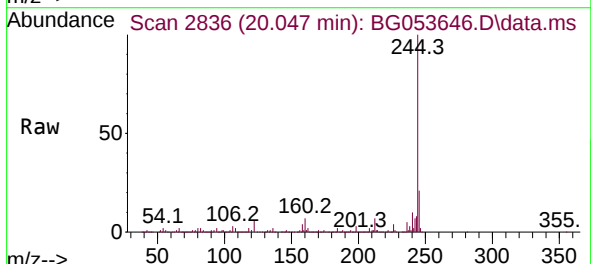
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

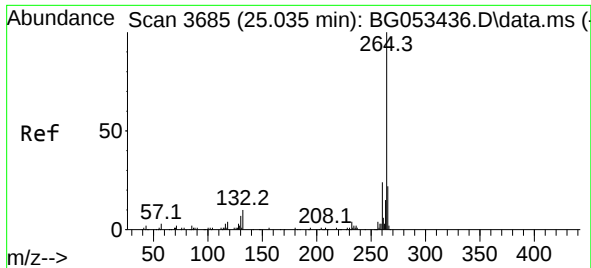
Tgt Ion:184 Resp: 15373
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.6#
183 6.5 8.9 13.3#



#79
Terphenyl-d14
Concen: 97.491 ng
RT: 20.047 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

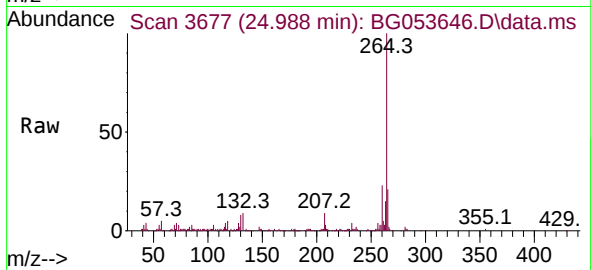
Tgt Ion:244 Resp: 912798
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.988 min Scan# 30
 Delta R.T. -0.017 min
 Lab File: BG053646.D
 Acq: 20 May 2022 16:26

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01



Tgt Ion:	264	Resp:	171772
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.4	17.4	26.2

